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LS Series

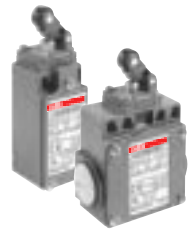
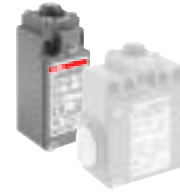
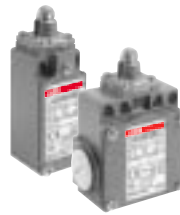
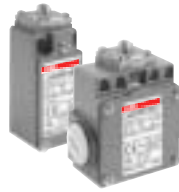
Metal Casing IP66

LS32M...
LS33M...
LS35M...

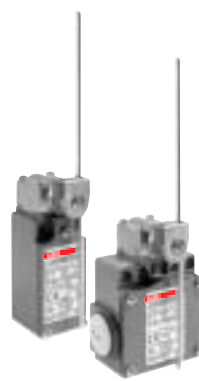
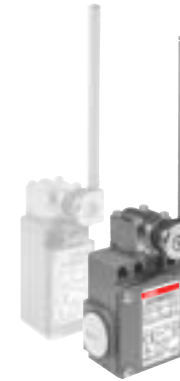
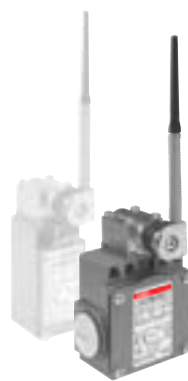
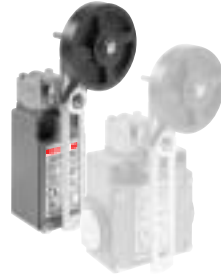
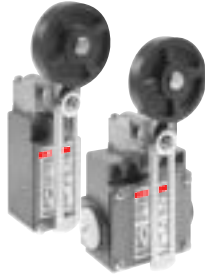
30 mm

LS72M...
LS73M...
LS75M...

60 mm



Type	LS...M11	LS...M12, LS...M13	LS...M14	LS...M31
Actuator	Plain plunger	Roller plunger	Plain plunger	Roller lever
Action type				
CENELEC conformity / Positive opening operation	EN 50047	EN 50047	EN 50047	EN 50047



LS...M51, LS...M53	LS...M52	LS...M55	LS...M61	LS...M62	LS...M71, LS...M72
Adjustable roller lever	Adjustable roller lever	Adjustable roller lever	Flexible lever	Flexible lever	Adjustable rod lever
-	-	-	-	-	-

Note: The transparent Limit Switches (pictured above) are available, but not referenced in this catalogue (Please consult us).

Plastic Casing IP65

LS72P...
LS73P...
LS75P...




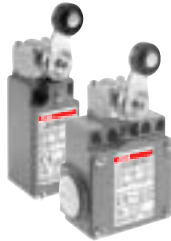








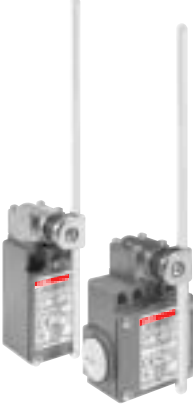
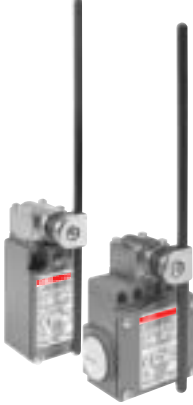

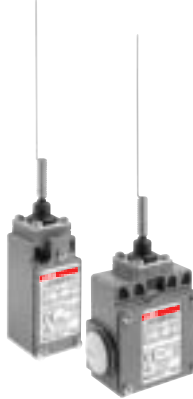









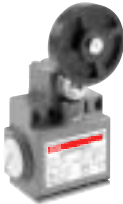
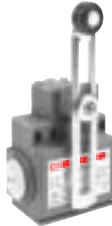









60 mm

As the range is very large, the products shown here are the most common. The full range can be found on pages 36 to 47.



Type	LS...P10	LS...P12, LS...P13	LS...P31	LS...P38
Actuator	Plain plunger	Roller plunger	Roller lever	Adjustable roller lever
Action type				
CENELEC conformity / Positive opening operation	-	-	-	-

Limit Switches

					
LS...M32	LS...M35	LS...M38	LS...M41, LS...M43	LS...M42	LS...M45, LS...M46
Roller lever	Roller lever	Adjustable roller lever	Roller lever	Roller lever	Roller lever
					
-	-	-	EN 50047	-	-
					
LS...M73	LS...M74	LS...M78	LS...M91	LS...M92	LS...M98B11-A
Adjustable rod lever	Adjustable rod lever	Adjustable rod lever	Flexible rod	Flexible rod	Pull action
					
-	-	-	-	-	-
					
LS...P41, LS...P43	LS...P42	LS...P51, LS...P53	LS...P71, LS...P72	LS...P91	LS...P98
Roller lever	Roller lever	Adjustable roller lever	Adjustable rod lever	Flexible rod	Pull action
					
-	-	-	-	-	-

LS32M..., LS33M..., LS35M... and LS72M..., LS73M..., LS75M... Limit Switches

Metal Casing IP66

Applications

Easy to use, electromechanical limit switches offer specific qualities:

- Visible operation.
- Able to switch strong currents (10 A conventional thermal current).
- Electrically separated contacts (Zb shape).
- Contact blocks with positive opening operation of the "N.C." normally closed contact(s) (symbol ⊖).
- Precise operating points (consistency).
- Immune to electromagnetic disturbances.

They are exceptional detection devices thanks to these characteristics:

- Presence/absence.
- Positioning and travel limit.
- Objects passing/counting.

Description

Limit switches, which are made of zinc alloy (zamack), have a degree of protection of IP66.

The casings come in 2 dimensions: – LS32M..., LS33M..., LS35M... 30 mm width.
 – LS72M..., LS73M..., LS75M... 60 mm width.

Casing:

- 30 mm width with standardized dimension according to EN 50047
- 60 mm width

Mounting the casing:

- 2 x M4 screws for 30 mm width
- 2 or 4 x M4 screws for 60 mm width

Terminal for protective conductor placed near the cable inlet and marked: ⊕

- M3.5 (+,-) pozidriv 2 screw (Screw head with captive cable clamp)

Electrical connection:

- 1 (LS32M) or 3 (LS72M) cable inlets M16 x 1.5 for ISO 16 cable gland
- 1 (LS33M) or 3 (LS73M) cable inlets M20 x 1.5 for ISO 20 cable gland
- 1 (LS35M) or 3 (LS75M) x 1/2" NPT cable gland
- Other cable entries (Pg13.5, Pg11) on request
- Suitable for conduit connection only with use of adaptor sleeve optionally provided by manufacturer. (on request)

A variety of operating heads:

- Plain plunger
- Roller plunger
- Roller lever, adjustable or not, etc.

Assembled using 4 x M3 screws for 30 & 60 mm widths

Cover:

- Closed using 3 x M3 screws for 30 mm width
- Closed using 4 x M3 screws for 60 mm width

One piece sealing gasket to ensure tightness

Block of 2 contacts:

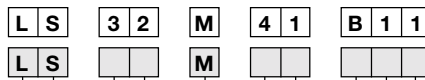
- Contact configuration: 1 N.O. + 1 N.C. or 2 N.O. or 2 N.C.
- Positive opening operation ⊖
- Snap action or slow action
- Zb shape: the 2 contacts are electrically separated

Connecting terminals:

- M3.5 (+,-) pozidriv 2 screw (Screw head with captive cable clamp)
- Markings conform with IEC 60947-1, IEC 60947-5-1, EN 50005 and EN 50013 standards

Type

Example:



<table border="0"> <tr> <td style="border: 1px solid black; padding: 2px;">Limit Switch</td> <td style="text-align: right; padding: 2px;">LS</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">Casing width: 30 mm</td> <td style="text-align: right; padding: 2px;">3</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">1 cable inlet M16 x 1.5 for ISO 16 cable gland</td> <td style="text-align: right; padding: 2px;">2</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">1 cable inlet M20 x 1.5 for ISO 20 cable gland</td> <td style="text-align: right; padding: 2px;">3</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">1 cable inlet 1/2" NPT for 1/2" NPT cable gland</td> <td style="text-align: right; padding: 2px;">5</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">Casing width: 60 mm (new casing)</td> <td style="text-align: right; padding: 2px;">7</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">3 cable inlets M16 x 1.5 for ISO 16 cable gland</td> <td style="text-align: right; padding: 2px;">2</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">3 cable inlets M20 x 1.5 for ISO 20 cable gland</td> <td style="text-align: right; padding: 2px;">3</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">3 cable inlets 1/2" NPT for 1/2" NPT cable gland</td> <td style="text-align: right; padding: 2px;">5</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">Metal casing</td> <td style="text-align: right; padding: 2px;">M</td> </tr> </table>	Limit Switch	LS	Casing width: 30 mm	3	1 cable inlet M16 x 1.5 for ISO 16 cable gland	2	1 cable inlet M20 x 1.5 for ISO 20 cable gland	3	1 cable inlet 1/2" NPT for 1/2" NPT cable gland	5	Casing width: 60 mm (new casing)	7	3 cable inlets M16 x 1.5 for ISO 16 cable gland	2	3 cable inlets M20 x 1.5 for ISO 20 cable gland	3	3 cable inlets 1/2" NPT for 1/2" NPT cable gland	5	Metal casing	M	<table border="0"> <tr> <td style="border: 1px solid black; padding: 2px;">Contact types:</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">11 1 N.O. + 1 N.C. contacts</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">20 2 N.O. contacts</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">02 2 N.C. contacts</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">Snap action:</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">B Zb Snap</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">Dependent (slow) action:</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">L Zb Slow / Simultaneous</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">D Zb Non-overlapping late make</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">C Zb Overlapping early make</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">Operating heads:</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">10 ... 98 Codes</td> </tr> </table>	Contact types:	11 1 N.O. + 1 N.C. contacts	20 2 N.O. contacts	02 2 N.C. contacts	Snap action:	B Zb Snap	Dependent (slow) action:	L Zb Slow / Simultaneous	D Zb Non-overlapping late make	C Zb Overlapping early make	Operating heads:	10 ... 98 Codes
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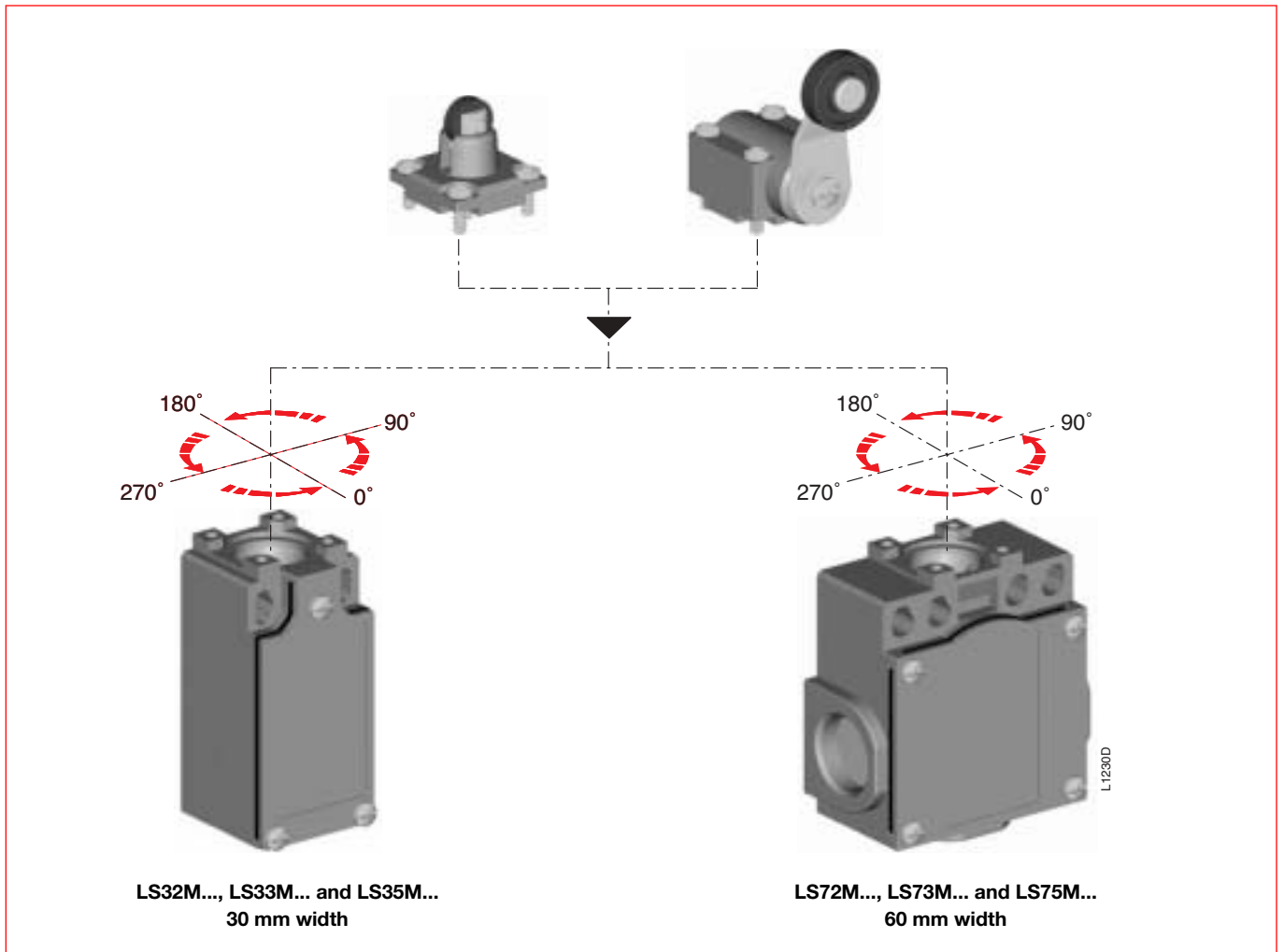
>> Travel and Operation Diagrams page 8	>> Terminology page 50
>> General Technical Data page 9	>> Ordering Details pages 52...67

LS32M..., LS33M..., LS35M... and LS72M..., LS73M..., LS75M... Limit Switches

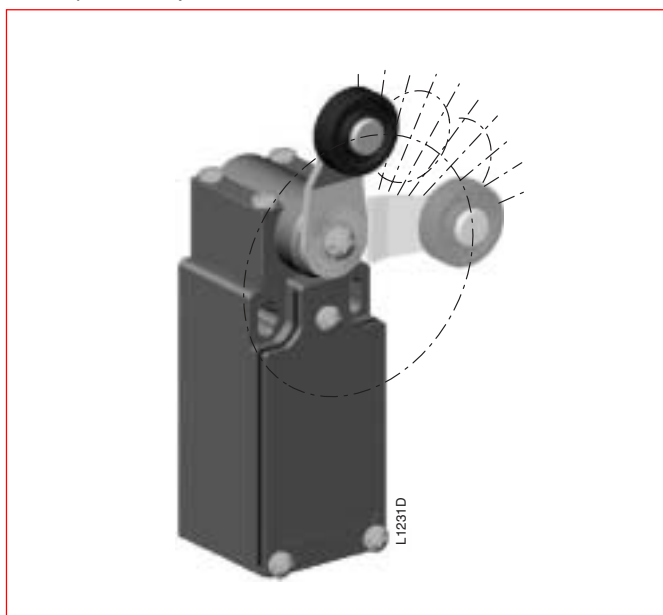
Metal Casing IP66

Implementation

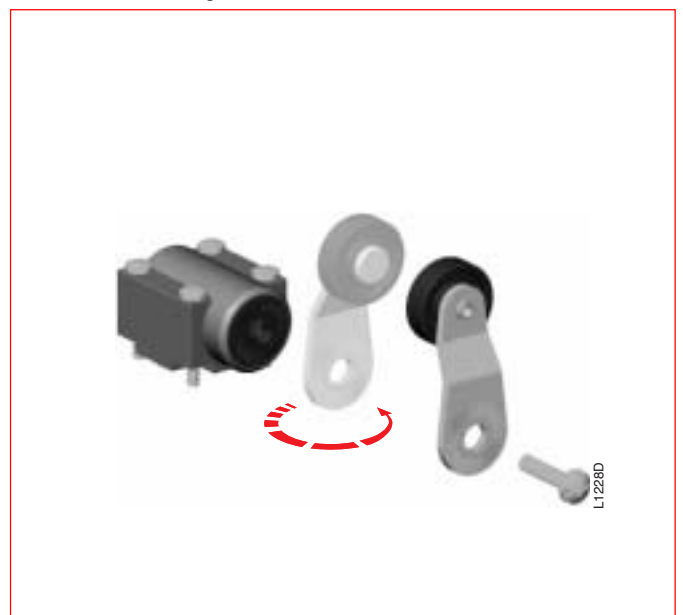
- Head orientation.



- Free position adjustment 10° in 10° of the lever.



- Lever round turning.



LS72P..., LS73P... and LS75P... Limit Switches

Double Insulation – Plastic Casing IP65

Applications

Easy to use, electromechanical limit switches offer specific qualities:

- Visible operation.
- Able to switch strong currents (10 A conventional thermal current).
- Electrically separated contacts (Zb shape).
- Contact blocks with positive opening operation of the "N.C." normally closed contact(s) (symbol ⊖).
- Precise operating points (consistency).
- Immune to electromagnetic disturbances.

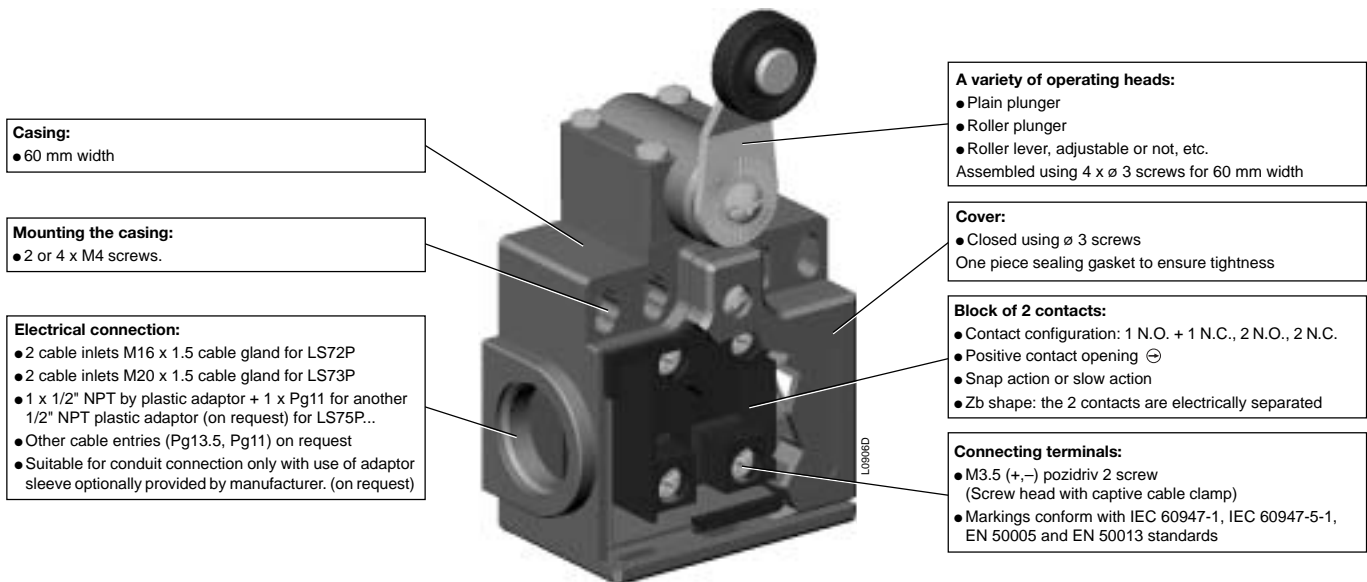
They are exceptional detection devices thanks to these characteristics:

- Presence/absence.
- Positioning and travel limit.
- Objects passing/counting.

Description

Limit switches, which are made of fibre-glass reinforced UL-V0 thermoplastic material, offer double insulation \square and a degree of protection IP65.

The casing comes in 1 dimension: LS72P..., LS73P..., LS75P... 60 mm width.



Type

Example:



Limit Switch LS

Casing width: 60 mm 7
 2 cable inlets M16 x 1.5 for ISO 16 cable gland 2
 2 cable inlets M20 x 1.5 for ISO 20 cable gland 3
 1 cable inlet by 1/2" NPT plastic adaptor + 1 cable inlet Pg11 for additional 1/2" NPT plastic adaptor (on request) 5

Plastic casing P

Contact types:
 11 1 N.O. + 1 N.C. contacts
 20 2 N.O. contacts
 02 2 N.C. contacts

Snap action:
 B Zb Snap
 Dependent (slow) action:
 L Zb Slow / Simultaneous
 D Zb Non-overlapping late make
 C Zb Overlapping early make

Operating heads:
 10 ... 98 Codes

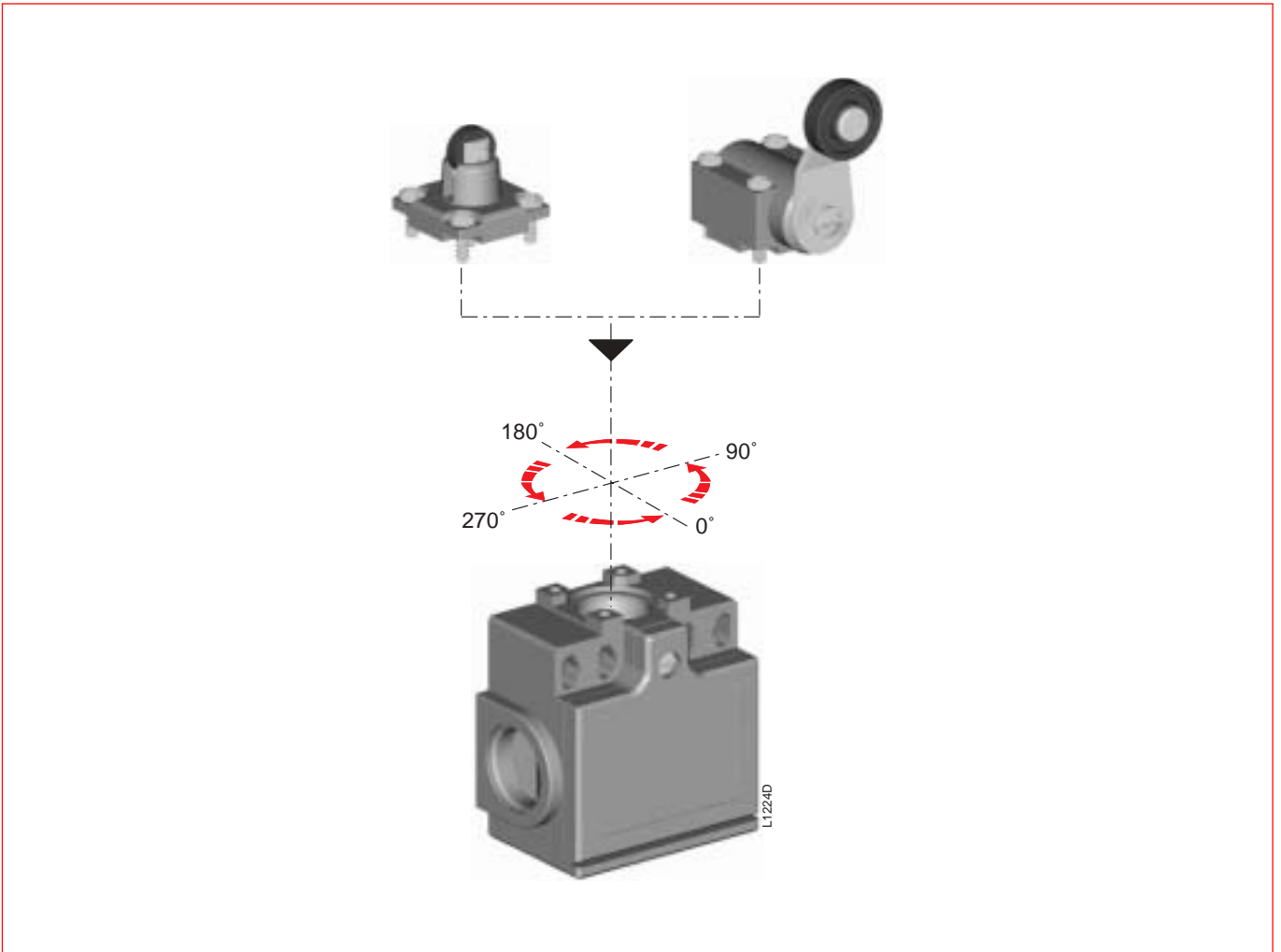
>> Travel and Operation Diagrams page 8	>> Terminology page 50
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LS72P..., LS73P... and LS75P... Limit Switches

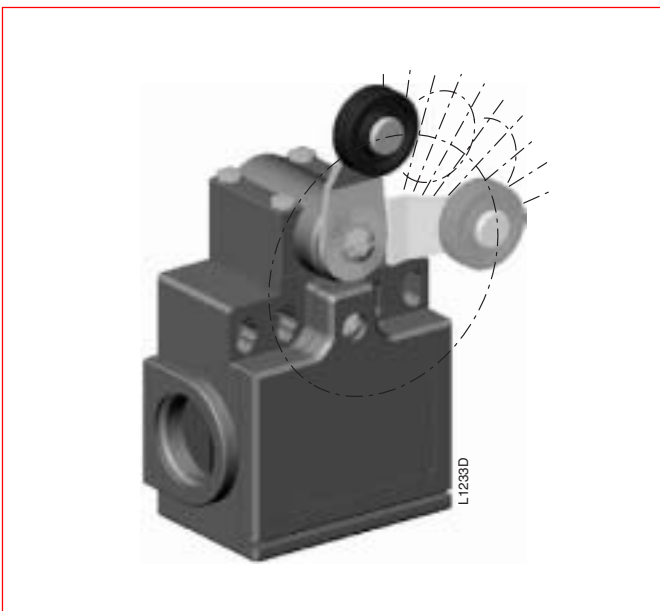
Double Insulation – Plastic Casing IP65

Implementation

- Head orientation.



- Free position adjustment 10° in 10° of the lever.

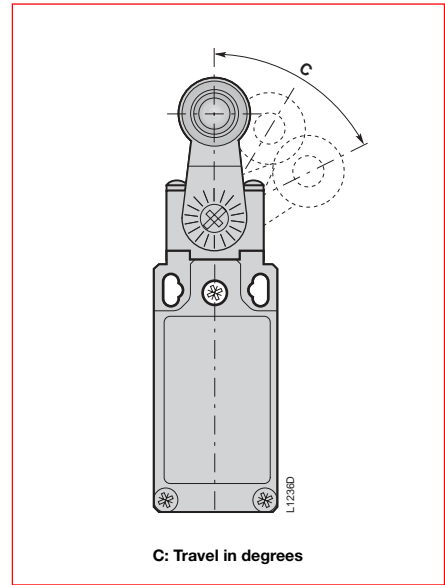
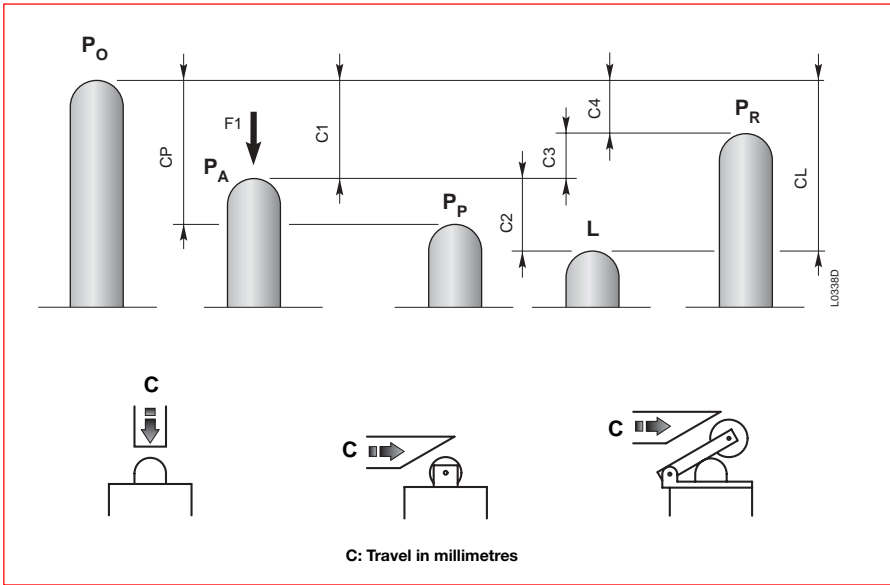


- Lever round turning.



Limit Switches Plastic or Metal Casing

Travel and Operation Diagrams



P_O Free position:
position of the switch actuator when no external force is exerted on it.

P_A Operating position:
position of the switch actuator, under the effect of force **F₁**, when the contacts leave their initial free position.

P_P Positive opening position:
position of the switch actuator from which positive opening is ensured.

L Max. travel position:
maximum acceptable travel position of the switch actuator under the effect of a force **F₁**.

P_R Release position:
position of the switch actuator when the contacts return to their initial free position.

C₁ Pre-travel (average travel):
distance between the free position **P_O** and the operating position **P_A**.

C_P Positive opening travel:
minimum travel of the switch actuator, from the free position, to ensure positive opening operation of the normally closed contact (N.C.).

C₂ Over-travel (average travel):
distance between the operating position **P_A** and the max. travel position **L**.

C_L Max. travel (maximum travel):
distance between the free position **P_O** and the max. travel position **L**.

C₃ Differential travel (C₁-C₄) (average travel):
travel difference of the switch actuator between the operating position **P_A** and the release position **P_R**.

C₄ Release travel (average travel):
distance between the release position **P_R** and the free position **P_O**.

Diagram for snap action contacts:

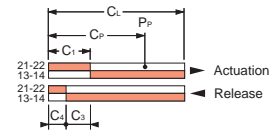
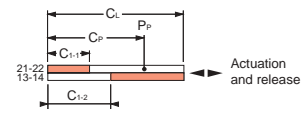


Diagram for non-overlapping slow action contacts:



Contacts position

21-22	■	Contact closed
21-22	□	Contact open

Contacts identification (example)

Note: for slow action contacts, **C₃ = 0**, **C₁₋₁ = pre-travel of contact 21-22**, **C₁₋₂ = pre-travel of contact 13-14**.

Examples:

LS32M13B11
(snap action contacts)

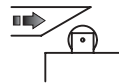
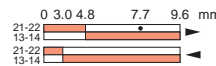


Diagram in millimetres/cam travel



LS32M41B11
(snap action contacts)

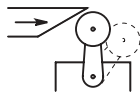
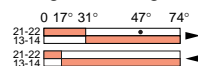


Diagram in degrees/lever rotation



LS32M11D11
(non-overlapping slow action contacts)

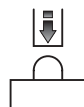
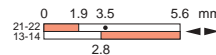


Diagram in millimetres/plunger travel



>> Panorama pages 2...3
>> Additional Technical Data pages 12...48
>> Ordering Details pages 52...76

>> Standards page 49
>> Terminology and Utilization Precautions pages 50...51

Limit Switches Plastic or Metal Casing

Technical Data

General Technical Data

	Plastic Casing	Metal Casing
Standards	IEC 60947-1, IEC 60947-5-1, EN 60947-1, EN 60947-5-1, UL 508 and CSA C22-2 n° 14	
Certifications - Approvals	UL - CSA	
Air temperature near the device		
– during operation	– 25 ... + 70	– 25 ... + 70
– for storage	– 30 ... + 80	– 30 ... + 80
Climatic withstand	According to IEC 68-2-3 and salty mist according to IEC 68-2-11	
Mounting positions	All positions are authorized	
Shock withstand (according to IEC 68-2-27 and EN 60068-2-27) g	50g* (1/2 sinusoidal shock for 11 ms) no change in contact position	
Resistance to vibrations (acc. to IEC 68-2-6 and EN 60068-2-6) g	25g (10 ... 500 Hz) no change in position of contacts greater than 100 μs	
Protection against electrical shocks (acc. to IEC 536)	Class II	Class I
Degree of protection (according to IEC 529 and EN 60529)	IP65	IP66 **
Consistency (measured over 1 million operations)	0.1 mm (upon closing point)	0.1 mm (upon closing point)
Minimum actuation speed m/s	Slow action contacts 0.060 / Snap action contacts 0.001	

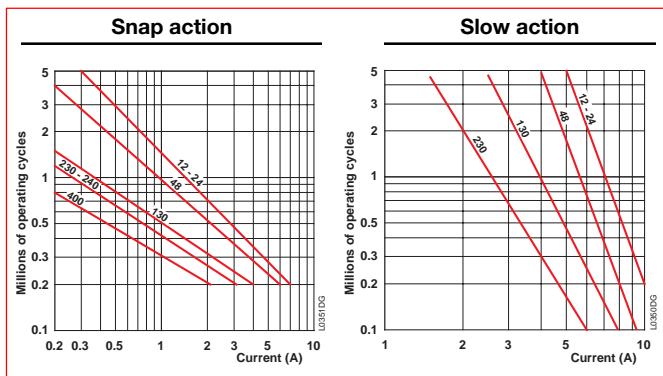
Electrical Data

Rated insulation voltage U_i			
– according to IEC 60947-1 and EN 60947-1	V	500 (degree of pollution 3)	400 (degree of pollution 3)
– according to UL 508, CSA C22-2 n° 14	V	600	300
Rated impulse withstand voltage U_{imp}	kV	6	
(according to IEC 60947-1 and EN 60947-1)			
Conventional enclosed thermal current I_{the}	A	10	
(according to IEC 60947-5-1 and EN 60947-5-1) $\theta \leq 40^\circ\text{C}$			
Short-circuit protection	A	10	
gG type fuses			
Rated operational current			
I_e / AC-15 – acc. to IEC 60947-5-1			
24 V - 50/60 Hz	A	10	
130 V - 50/60 Hz	A	5.5	
230 V - 50/60 Hz	A	3.1	
240 V - 50/60 Hz	A	3	
400 V - 50/60 Hz	A	1.8	
– acc. to UL 508, CSA C22 n° 14		A 600	A 300
I_e / DC-13 – acc. to IEC 60947-5-1			
24 V - d.c.	A	2.8	
110 V - d.c.	A	0.6	
250 V - d.c.	A	0.27	
– acc. to UL 508, CSA C22 n° 14		Q 600	Q 300
Positivity		Contacts with positive opening operation as per IEC 60947-5-1 chapter 3 and EN 60947-5-1	
Resistance between contacts mΩ		25	
Mechanical durability	Millions of operations	15 } LS7xP { 10...12 ; 30...38 10 } { 13 ; 41...46 ; 51...53 ; 71...78 > 5 } { 91...92 ; 98	15 } 3x } { 11...12 ; 31...38 10 } LS } { 13 ; 41...46 ; 51...55 ; 61...78 > 5 } 7x } { 14 ; 91...92 ; 98
Electrical durability (according to IEC 60947-5-1 appendice C)		Utilization categories AC-15 and DC-13 (see curves and values below)	
– max. switching frequency	Cycles/h	3600	
– load factor		0.5	

* Except for LS32/33/35M42, M52 and M55 - LS72/73/75M42, M52 and M55 - LS72/73/75P42, P52 and P55: 25g

** Except for LS32/33/35M52, M55, M73, M74 and M92 - LS72/73/75M52, M55, M73, M74 and M92 : the degree of protection is IP65.

Electrical durability for AC-15 utilization category



Electrical durability for DC-13 utilization category

	Snap action	Slow action
Power breaking for a durability of 5 million operating cycles		
Voltage 24 V	9.5 W	12 W
Voltage 48 V	6.8 W	9 W
Voltage 110 V	3.6 W	6 W

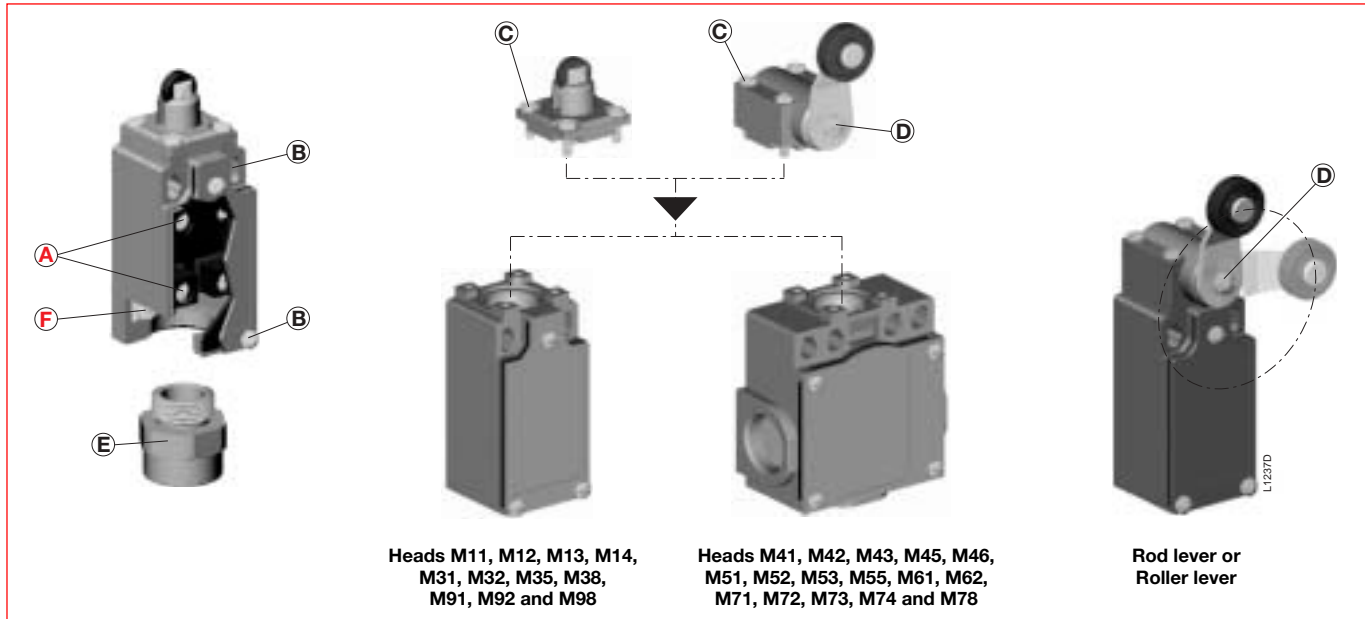
>> Ordering Details pages 52...76

LS32M..., LS33M..., LS35M... and LS72M..., LS73M..., LS75M... Limit Switches

Metal Casing IP66 - 30 mm and 60 mm width

Main Technical Data (continued)

Tightening Torques



	A and F		B		C		D		E	
	Connecting terminals for: - Contact block (A) - Protective conductor (F)		Closing the cover		Assembling the operating head		Assembling or adjusting: - Rod lever - Roller lever		Cable inlet by 1/2" NPT metal adaptor *	
Screws	M3.5 ± pozidriv 2		M3 ± pozidriv 1		M3 ± pozidriv 1		M3 ± pozidriv 1		-	
Tightening torque	Recommended N.m / lb.in	Max. N.m	Recommended N.m / lb.in	Max. N.m	Recommended N.m / lb.in	Max. N.m	Recommended N.m / lb.in	Max. N.m	Recommended N.m / lb.in	Max. N.m
Limit switches										
LS32M11 ... M38	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-	-	-
LS32M41 ... M78	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-
LS32M91 ... M98	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-	-	-
LS33M11 ... M38	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-	-	-
LS33M41 ... M78	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-
LS33M91 ... M98	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-	-	-
LS35M11 ... M38	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-	17 / 150	18
LS35M41 ... M78	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	0.5 / 4.3	0.8	17 / 150	18
LS35M91 ... M98	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-	17 / 150	18
LS72M11 ... M38	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-	-	-
LS72M41 ... M78	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-
LS72M91 ... M98	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-	-	-
LS73M11 ... M38	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-	-	-
LS73M41 ... M78	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-
LS73M91 ... M98	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-	-	-
LS75M11 ... M38	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-	17 / 150	18
LS75M41 ... M78	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	0.5 / 4.3	0.8	17 / 150	18
LS75M91 ... M98	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-	17 / 150	18

Connecting data of contact blocks

Connecting terminals	M3.5 (+,-) pozidriv 2 screw with cable clamp	
Connecting capacity	0.5 mm ² / AWG 20 to 2.5 mm ² / AWG 14	
Terminal marking	According to EN 50013	

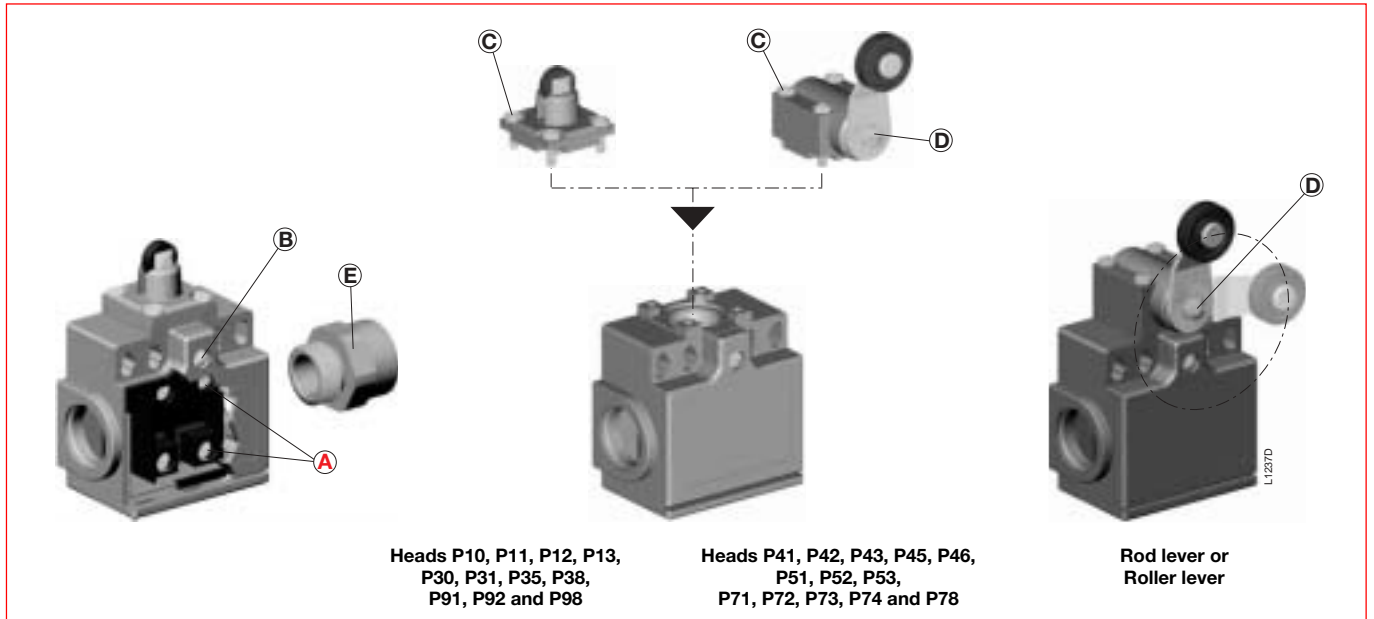
* This type of adaptor can be used with direct conduit connections.

LS72P..., LS73P..., LS75P... Limit Switches

Double Insulation - Plastic Casing IP65 - 60 mm width

Main Technical Data (continued)

Tightening Torques



	A		B		C		D		E	
	Contact block connecting terminals		Closing the cover		Assembling the operating head		Assembling or adjusting: - Rod lever - Roller lever		Cable inlet by 1/2" NPT plastic adaptor *	
Screws	M3.5 ± pozidriv 2		ø3 ± pozidriv 1		ø3 ± pozidriv 1		M3 ± pozidriv 1		-	
Tightening torque	Recommended N.m / lb.in	Max. N.m	Recommended N.m / lb.in	Max. N.m	Recommended N.m / lb.in	Max. N.m	Recommended N.m / lb.in	Max. N.m	Recommended N.m / lb.in	Max. N.m
Limit switches										
LS72P11 ... P38	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-	-	-
LS72P41 ... P78	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-
LS72P91 ... P98	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-	-	-
LS73P11 ... P38	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-	-	-
LS73P41 ... P78	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-
LS73P91 ... P98	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-	-	-
LS75P11 ... P38	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-	17 / 150	18
LS75P41 ... P78	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	0.5 / 4.3	0.8	17 / 150	18
LS75P91 ... P98	0.8 / 7	0.9	0.5 / 4.3	0.8	0.5 / 4.3	0.8	-	-	17 / 150	18

Connecting data of contact blocks

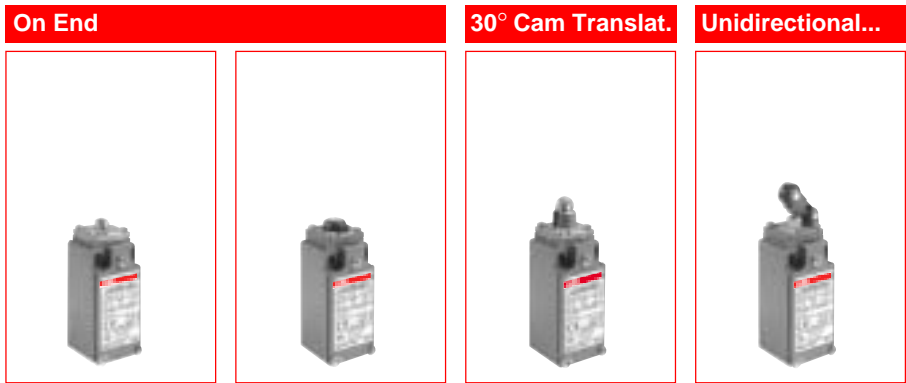
Connecting terminals	M3.5 (+,-) pozidriv 2 screw with cable clamp
Connecting capacity	0.5 mm ² / AWG 20 to 2.5 mm ² / AWG 14
Terminal marking	According to EN 50013

* This type of adaptor can be used with direct conduit connections.

LS32M... Limit Switches

Metal Casing IP66 - 30 mm Width
1 Cable Inlet M16 x 1.5 for ISO 16 Cable Gland

Movement to be detected:



Actuator

	Plain plunger	Plain plunger with dust protection cup	Roller plunger	Plastic roller lever on plunger
Conformity / \odot (N.C. contact with positive opening operation)	EN 50047 (B shape) \odot	EN 50047 (B shape) \odot	EN 50047 (C shape) \odot	EN 50047 (E shape) \odot
Maximum actuation speed	0.5 m/s	0.5 m/s	0.3 m/s	1 m/s
Min. force / torque: - actuation	15 N	15 N	12 N	7 N
- positive opening operation	45 N	45 N	41 N	24 N

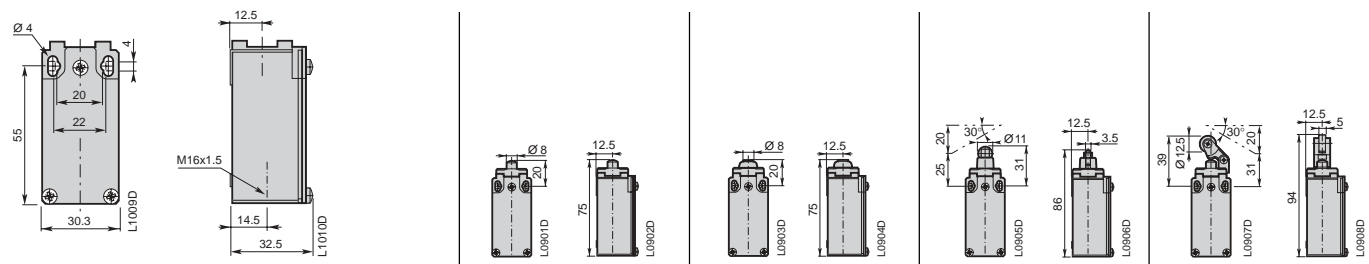
Additional Technical Data

Type and Order code to be completed with code <input type="checkbox"/>	Metal plunger <input type="checkbox"/> Plastic plunger <input checked="" type="checkbox"/>	Metal plunger <input checked="" type="checkbox"/> Plastic plunger <input checked="" type="checkbox"/>	Metal roller <input checked="" type="checkbox"/> Plastic roller <input checked="" type="checkbox"/>	Metal plunger <input checked="" type="checkbox"/> Plastic plunger <input checked="" type="checkbox"/>
Snap action contacts	LS32M1 <input type="checkbox"/> B11 1SBV01191 <input type="checkbox"/> R1211	LS32M1 <input checked="" type="checkbox"/> B11 1SBV01191 <input checked="" type="checkbox"/> R1211	LS32M1 <input type="checkbox"/> B11 1SBV01191 <input type="checkbox"/> R1211	LS32M3 <input type="checkbox"/> B11 1SBV01193 <input type="checkbox"/> R1211
 Zb	 0 1.7 2.7 4.3 5.6 mm	 0 1.7 2.7 4.3 5.6 mm	 0 3.0 4.8 7.7 9.6 mm	 0 4.9 9.0 14.5 21.0 mm
Non-overlapping Slow action contacts	LS32M1 <input type="checkbox"/> D11 1SBV01191 <input type="checkbox"/> R1411	LS32M1 <input checked="" type="checkbox"/> D11 1SBV01191 <input checked="" type="checkbox"/> R1411	LS32M1 <input type="checkbox"/> D11 1SBV01191 <input type="checkbox"/> R1411	LS32M3 <input type="checkbox"/> D11 1SBV01193 <input type="checkbox"/> R1411
 Zb	 0 1.9 3.5 5.6 mm	 0 1.9 3.5 5.6 mm	 0 3.4 6.3 9.6 mm	 0 6.0 10.5 21.0 mm
Overlapping Slow action contacts	LS32M1 <input type="checkbox"/> C11 1SBV01191 <input type="checkbox"/> R1511	LS32M1 <input checked="" type="checkbox"/> C11 1SBV01191 <input checked="" type="checkbox"/> R1511	LS32M1 <input type="checkbox"/> C11 1SBV01191 <input type="checkbox"/> R1511	LS32M3 <input type="checkbox"/> C11 1SBV01193 <input type="checkbox"/> R1511
 Zb	 0 3.2 4.8 5.6 mm	 0 3.2 4.8 5.6 mm	 0 5.7 8.6 9.6 mm	 0 10.2 14.6 21.0 mm
Slow action contacts	LS32M1 <input type="checkbox"/> L02 1SBV01191 <input type="checkbox"/> R1302	LS32M1 <input checked="" type="checkbox"/> L02 1SBV01191 <input checked="" type="checkbox"/> R1302	LS32M1 <input type="checkbox"/> L02 1SBV01191 <input type="checkbox"/> R1302	LS32M3 <input type="checkbox"/> L02 1SBV01193 <input type="checkbox"/> R1302
 Zb	 0 1.9 3.5 5.6 mm	 0 1.9 3.5 5.6 mm	 0 3.4 6.3 9.6 mm	 0 5.7 10.2 21.0 mm
Slow action contacts	LS32M1 <input type="checkbox"/> L20 1SBV01191 <input type="checkbox"/> R1320	LS32M1 <input checked="" type="checkbox"/> L20 1SBV01191 <input checked="" type="checkbox"/> R1320	LS32M1 <input type="checkbox"/> L20 1SBV01191 <input type="checkbox"/> R1320	LS32M3 <input type="checkbox"/> L20 1SBV01193 <input type="checkbox"/> R1320
 Zb	 0 1.8 5.6 mm	 0 1.8 5.6 mm	 0 3.2 9.6 mm	 0 5.3 21.0 mm
Snap action contacts	LS32M1 <input type="checkbox"/> B02 1SBV01191 <input type="checkbox"/> R1202	LS32M1 <input checked="" type="checkbox"/> B02 1SBV01191 <input checked="" type="checkbox"/> R1202	LS32M1 <input type="checkbox"/> B02 1SBV01191 <input type="checkbox"/> R1202	LS32M3 <input type="checkbox"/> B02 1SBV01193 <input type="checkbox"/> R1202
 Zb	 0 1.8 2.8 4.4 5.6 mm	 0 1.8 2.8 4.4 5.6 mm	 0 3.2 5.0 7.9 9.6 mm	 0 5.1 8.6 13.1 21.0 mm
Weight (packing per unit)	kg	0.180	0.180	0.185

Special heads, accessories and special contact arrangement or particular function: please consult us.

Closed contact / Open contact

Dimensions (in mm)



>> Description, Travel and Technical Data pages 4..11

>> Accessories page 48

>> Utilization Precautions page 51







LS32M... Limit Switches

Metal Casing IP66 - 30 mm Width

1 Cable Inlet M16 x 1.5 for ISO 16 Cable Gland

Unidirectional 30° Cam Translation

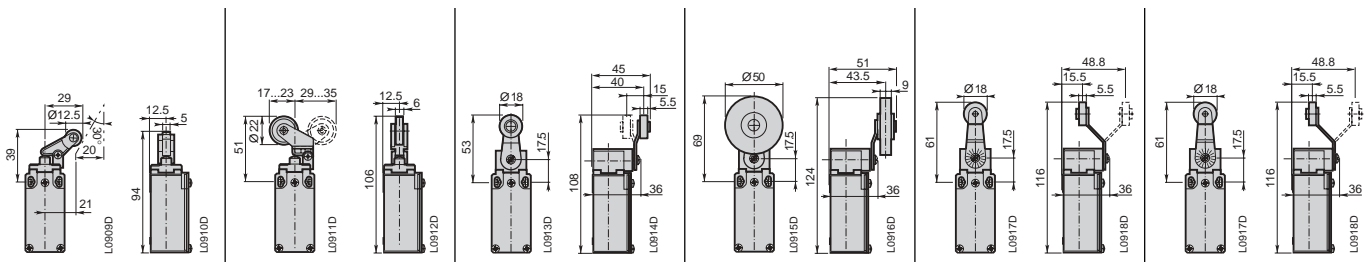
30° Cam Translation Movement

					
Plastic roller lever on plunger	Adjustable plastic roller lever on plunger	ø18 roller lever	ø50 rubber roller lever	ø18 plastic roller with bent lever	ø18 steel roller with bent lever
1 m/s 7 N 24 N	1 m/s 7 N 24 N	EN 50047 (A shape) 1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m

Metal plunger 2 Plastic plunger *	Metal plunger 8 Plastic plunger *	Metal roller 3 Plastic roller 1	-	-	-
LS32M3 2 B11 1SBV01193 2 R1211 0 4.9 9.0 14.5 21.0 mm 21-22 13-14	LS32M3 8 B11 1SBV01193 8 R1211 0 8.8 15.0 23.2 32.0 mm 21-22 13-14	LS32M4 3 B11 1SBV01194 3 R1211 0 17° 31° 47° 74° 21-22 13-14	LS32M42B11 1SBV011942R1211 0 17° 31° 47° 74° 21-22 13-14	LS32M45B11 1SBV011945R1211 0 17° 31° 47° 74° 21-22 13-14	LS32M46B11 1SBV011946R1211 0 17° 31° 47° 74° 21-22 13-14
LS32M3 2 D11 1SBV01193 2 R1411 0 6.0 10.5 21.0 mm 21-22 13-14	LS32M3 8 D11 1SBV01193 8 R1411 0 10.6 18.5 32.0 mm 21-22 13-14	LS32M4 3 D11 1SBV01194 3 R1411 0 21° 37° 74° 21-22 13-14	LS32M42D11 1SBV011942R1411 0 21° 37° 74° 21-22 13-14	LS32M45D11 1SBV011945R1411 0 21° 37° 74° 21-22 13-14	LS32M46D11 1SBV011946R1411 0 21° 37° 74° 21-22 13-14
LS32M3 2 C11 1SBV01193 2 R1511 0 10.2 14.6 21.0 mm 21-22 13-14	LS32M3 8 C11 1SBV01193 8 R1511 0 16.8 25.1 32.0 mm 21-22 13-14	LS32M4 3 C11 1SBV01194 3 R1511 0 35° 51° 74° 21-22 13-14	LS32M42C11 1SBV011942R1511 0 35° 51° 74° 21-22 13-14	LS32M45C11 1SBV011945R1511 0 35° 51° 74° 21-22 13-14	LS32M46C11 1SBV011946R1511 0 35° 51° 74° 21-22 13-14
LS32M3 2 L02 1SBV01193 2 R1302 0 5.7 10.2 21.0 mm 11-12 21-22	LS32M3 8 L02 1SBV01193 8 R1302 0 9.6 17.8 32.0 mm 11-12 21-22	LS32M4 3 L02 1SBV01194 3 R1302 0 19° 37° 74° 11-12 21-22	LS32M42L02 1SBV011942R1302 0 19° 37° 74° 11-12 21-22	LS32M45L02 1SBV011945R1302 0 19° 37° 74° 11-12 21-22	LS32M46L02 1SBV011946R1302 0 19° 37° 74° 11-12 21-22
LS32M3 2 L20 1SBV01193 2 R1320 0 5.3 21.0 mm 13-14 23-24	LS32M3 8 L20 1SBV01193 8 R1320 0 9.2 32.0 mm 13-14 23-24	LS32M4 3 L20 1SBV 01194 3 R1320 0 18° 74° 13-14 23-24	LS32M42L20 1SBV011942R1320 0 18° 74° 13-14 23-24	LS32M45L20 1SBV011945R1320 0 18° 74° 13-14 23-24	LS32M46L20 1SBV011946R1320 0 18° 74° 13-14 23-24
LS32M3 2 B02 1SBV01193 2 R1202 0 5.1 8.6 13.1 21.0 mm 11-12 21-22	LS32M3 8 B02 1SBV01193 8 R1202 0 8.8 14.6 22.8 32.0 mm 11-12 21-22	LS32M4 3 B02 1SBV01194 3 R1202 0 17° 30° 46° 74° 11-12 21-22	LS32M42B02 1SBV011942R1202 0 17° 30° 46° 74° 11-12 21-22	LS32M45B02 1SBV011945R1202 0 17° 30° 46° 74° 11-12 21-22	LS32M46B02 1SBV011946R1202 0 17° 30° 46° 74° 11-12 21-22
0.175	0.180	0.235	0.255	0.250	0.255

* Special heads, accessories and special contact arrangement or particular function: please consult us.

■ Closed contact / □ Open contact



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>> Accessories page 48

>> Utilization Precautions page 51

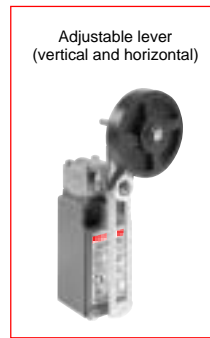
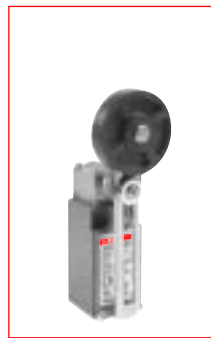
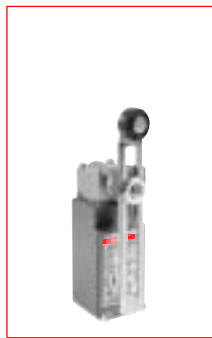
LS32M... Limit Switches

Metal Casing IP66 - 30 mm Width
1 Cable Inlet M16 x 1.5 for ISO 16 Cable Gland

Movement to be detected:

30° Cam Translation Movement

Fully Directional...



Actuator

	Adjustable $\varnothing 18$ roller lever	Adjustable $\varnothing 50$ rubber roller lever	Adjustable lever with $\varnothing 50$ rubber roller	Adjustable $\varnothing 3$ rod lever
Conformity / \odot (N.C. contact with positive opening operation)	-	-	-	-
Maximum actuation speed	1.5 m/s	1.5 m/s	1.5 m/s	1.5 m/s
Min. force / torque: - actuation	0.1 N.m	0.1 N.m	0.1 N.m	0.1 N.m
- positive opening operation	0.32 N.m	0.32 N.m	0.32 N.m	0.32 N.m

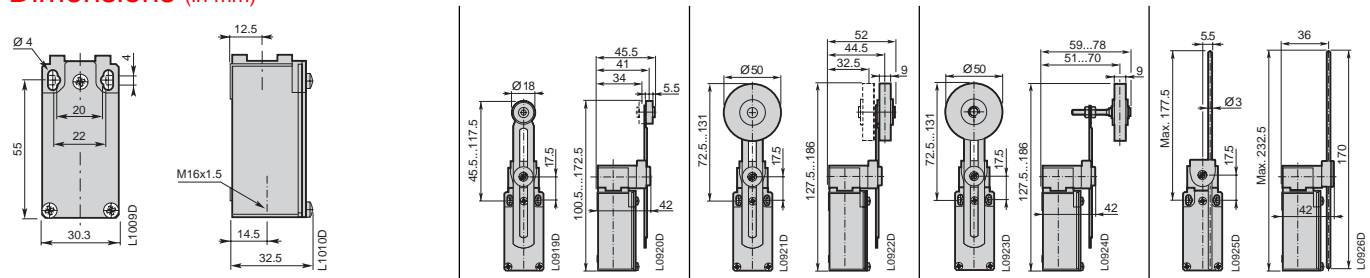
Additional Technical Data

Type and Order code to be completed with code <input type="checkbox"/>	Metal roller <input type="checkbox"/> Plastic roller <input type="checkbox"/>	-	-	Metal rod <input type="checkbox"/> Fibre-glass rod <input type="checkbox"/>
Snap action contacts	LS32M5 <input type="checkbox"/> B11 1SBV01195 <input type="checkbox"/> R1211	LS32M52B11 1SBV011952R1211	LS32M55B11 1SBV011955R1211	LS32M7 <input type="checkbox"/> B11 1SBV01197 <input type="checkbox"/> R1211
Zb	Operation diagram	Operation diagram	Operation diagram	Operation diagram
Non-overlapping Slow action contacts	LS32M5 <input type="checkbox"/> D11 1SBV01195 <input type="checkbox"/> R1411	LS32M52D11 1SBV011952R1411	LS32M55D11 1SBV011955R1411	LS32M7 <input type="checkbox"/> D11 1SBV01197 <input type="checkbox"/> R1411
Zb	Operation diagram	Operation diagram	Operation diagram	Operation diagram
Overlapping Slow action contacts	LS32M5 <input type="checkbox"/> C11 1SBV01195 <input type="checkbox"/> R1511	LS32M52C11 1SBV011952R1511	LS32M55C11 1SBV011955R1511	LS32M7 <input type="checkbox"/> C11 1SBV01197 <input type="checkbox"/> R1511
Zb	Operation diagram	Operation diagram	Operation diagram	Operation diagram
Slow action contacts	LS32M5 <input type="checkbox"/> L02 1SBV01195 <input type="checkbox"/> R1302	LS32M52L02 1SBV011952R1302	LS32M55L02 1SBV011955R1302	LS32M7 <input type="checkbox"/> L02 1SBV01197 <input type="checkbox"/> R1302
Zb	Operation diagram	Operation diagram	Operation diagram	Operation diagram
Slow action contacts	LS32M5 <input type="checkbox"/> L20 1SBV01195 <input type="checkbox"/> R1320	LS32M52L20 1SBV011952R1320	LS32M55L20 1SBV011955R1320	LS32M7 <input type="checkbox"/> L20 1SBV01197 <input type="checkbox"/> R1320
Zb	Operation diagram	Operation diagram	Operation diagram	Operation diagram
Snap action contacts	LS32M5 <input type="checkbox"/> B02 1SBV01195 <input type="checkbox"/> R1202	LS32M52B02 1SBV011952R1202	LS32M55B02 1SBV011955R1202	LS32M7 <input type="checkbox"/> B02 1SBV01197 <input type="checkbox"/> R1202
Zb	Operation diagram	Operation diagram	Operation diagram	Operation diagram
Weight (packing per unit)	kg 0.245	0.265	0.270	0.245

Special heads, accessories and special contact arrangement or particular function: please consult us.

Closed contact / Open contact

Dimensions (in mm)



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LS32M... Limit Switches

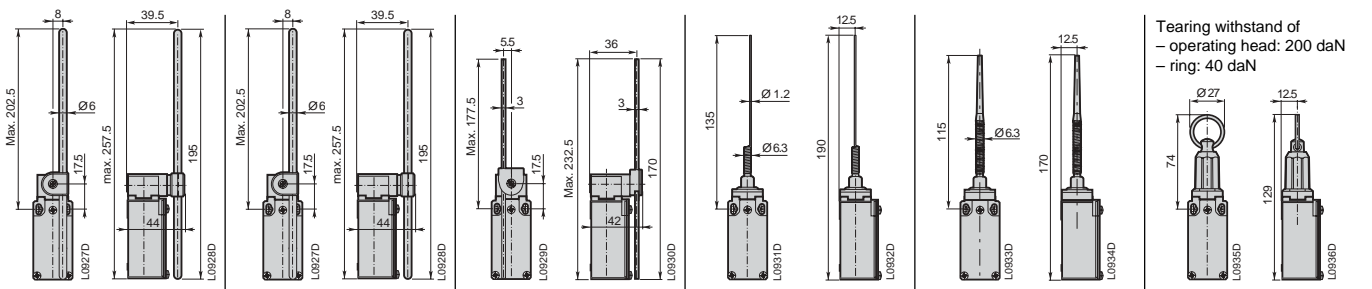
Metal Casing IP66 - 30 mm Width
 1 Cable Inlet M16 x 1.5 for ISO 16 Cable Gland

Fully Directional Translation Movement			Multidirectional		Pull Action
Adjustable ø6 polyamide rod lever	Adjustable ø6 fibre-glass rod lever	Adjustable ø3 square steel rod lever	Spring rod	Flexible rod with insulated end	Pull action with ring
1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1 m/s 0.12 N.m	1 m/s 0.12 N.m	0.5 m/s 30 N

LS32M73B11 1SBV011973R1211	LS32M74B11 1SBV011974R1211	LS32M78B11 1SBV011978R1211	LS32M91B11 1SBV011991R1211	LS32M92B11 1SBV011992R1211	LS32M98B11-A 1SBV011998R1211
LS32M73D11 1SBV011973R1411	LS32M74D11 1SBV011974R1411	LS32M78D11 1SBV011978R1411	LS32M91D11 1SBV011991R1411	LS32M92D11 1SBV011992R1411	LS32M98D11-A 1SBV011998R1411
LS32M73C11 1SBV011973R1511	LS32M74C11 1SBV011974R1511	LS32M78C11 1SBV011978R1511	LS32M91C11 1SBV011991R1511	LS32M92C11 1SBV011992R1511	
LS32M73L02 1SBV011973R1302	LS32M74L02 1SBV011974R1302	LS32M78L02 1SBV011978R1302	LS32M91L02 1SBV011991R1302	LS32M92L02 1SBV011992R1302	LS32M98L02-A 1SBV011998R1302
LS32M73L20 1SBV011973R1320	LS32M74L20 1SBV011974R1320	LS32M78L20 1SBV011978R1320	LS32M91L20 1SBV011991R1320	LS32M92L20 1SBV011992R1320	LS32M98L20-A 1SBV011998R1320
LS32M73B02 1SBV011973R1202	LS32M74B02 1SBV011974R1202	LS32M78B02 1SBV011978R1202	LS32M91B02 1SBV011991R1202	LS32M92B02 1SBV011992R1202	
0.255	0.255	0.240	0.180	0.185	0.215

☒ Special heads, accessories and special contact arrangement or particular function: please consult us.

■ Closed contact / □ Open contact

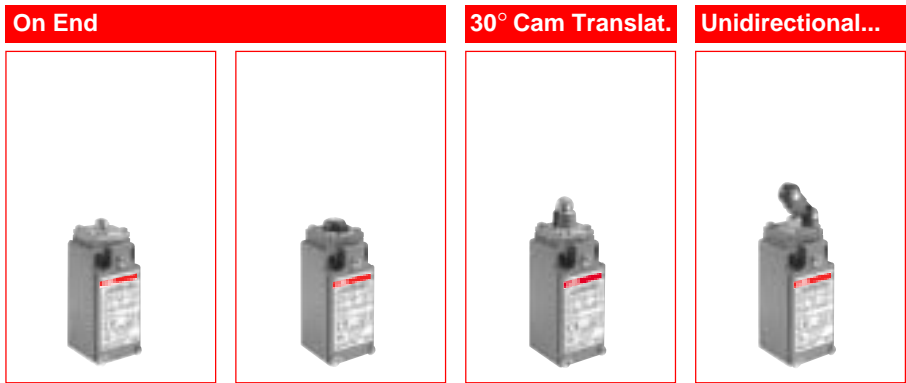


Tearing withstand of
 - operating head: 200 daN
 - ring: 40 daN

LS33M... Limit Switches

Metal Casing IP66 - 30 mm Width
1 Cable Inlet M20 x 1.5 for ISO 20 Cable Gland

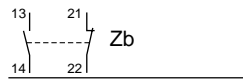
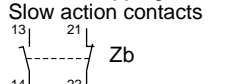
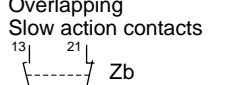
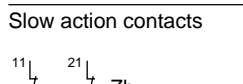
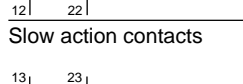
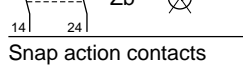
Movement to be detected:





Actuator

	Plain plunger	Plain plunger with dust protection cup	Roller plunger	Plastic roller lever on plunger
Conformity / \odot (N.C. contact with positive opening operation)	EN 50047 (B shape) \odot	EN 50047 (B shape) \odot	EN 50047 (C shape) \odot	EN 50047 (E shape) \odot
Maximum actuation speed	0.5 m/s	0.5 m/s	0.3 m/s	1 m/s
Min. force / torque: - actuation	15 N	15 N	12 N	7 N
- positive opening operation	45 N	45 N	41 N	24 N

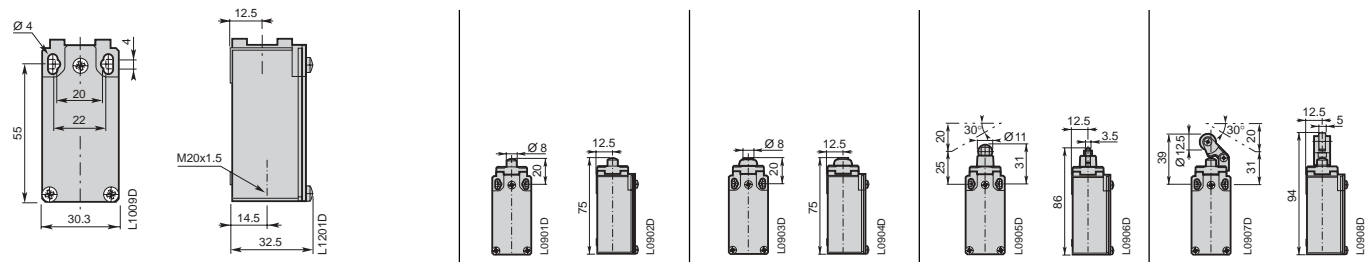
Additional Technical Data

Type and Order code to be completed with code <input type="checkbox"/>	Metal plunger <input type="checkbox"/> Plastic plunger <input checked="" type="checkbox"/>	Metal plunger <input checked="" type="checkbox"/> Plastic plunger <input checked="" type="checkbox"/>	Metal roller <input checked="" type="checkbox"/> Plastic roller <input checked="" type="checkbox"/>	Metal plunger <input checked="" type="checkbox"/> Plastic plunger <input checked="" type="checkbox"/>
Snap action contacts 	LS33M1 <input type="checkbox"/> B11 1SBV01381 <input type="checkbox"/> R1211 0 1.7 2.7 4.3 5.6 mm	LS33M1 <input checked="" type="checkbox"/> B11 1SBV01381 <input checked="" type="checkbox"/> R1211 0 1.7 2.7 4.3 5.6 mm	LS33M1 <input type="checkbox"/> B11 1SBV01381 <input type="checkbox"/> R1211 0 3.0 4.8 7.7 9.6 mm	LS33M3 <input type="checkbox"/> B11 1SBV01383 <input type="checkbox"/> R1211 0 4.9 9.0 14.5 21.0 mm
Non-overlapping Slow action contacts 	LS33M1 <input type="checkbox"/> D11 1SBV01381 <input type="checkbox"/> R1411 0 1.9 3.5 5.6 mm	LS33M1 <input checked="" type="checkbox"/> D11 1SBV01381 <input checked="" type="checkbox"/> R1411 0 1.9 3.5 5.6 mm	LS33M1 <input type="checkbox"/> D11 1SBV01381 <input type="checkbox"/> R1411 0 3.4 6.3 9.6 mm	LS33M3 <input type="checkbox"/> D11 1SBV01383 <input type="checkbox"/> R1411 0 6.0 10.5 21.0 mm
Overlapping Slow action contacts 	LS33M1 <input type="checkbox"/> C11 1SBV01381 <input type="checkbox"/> R1511 0 3.2 4.8 5.6 mm	LS33M1 <input checked="" type="checkbox"/> C11 1SBV01381 <input checked="" type="checkbox"/> R1511 0 3.2 4.8 5.6 mm	LS33M1 <input type="checkbox"/> C11 1SBV01381 <input type="checkbox"/> R1511 0 5.7 8.6 9.6 mm	LS33M3 <input type="checkbox"/> C11 1SBV01383 <input type="checkbox"/> R1511 0 10.2 14.6 21.0 mm
Slow action contacts 	LS33M1 <input type="checkbox"/> L02 1SBV01381 <input type="checkbox"/> R1302 0 1.9 3.5 5.6 mm	LS33M1 <input checked="" type="checkbox"/> L02 1SBV01381 <input checked="" type="checkbox"/> R1302 0 1.9 3.5 5.6 mm	LS33M1 <input type="checkbox"/> L02 1SBV01381 <input type="checkbox"/> R1302 0 3.4 6.3 9.6 mm	LS33M3 <input type="checkbox"/> L02 1SBV01383 <input type="checkbox"/> R1302 0 5.7 10.2 21.0 mm
Slow action contacts 	LS33M1 <input type="checkbox"/> L20 1SBV01381 <input type="checkbox"/> R1320 0 1.8 5.6 mm	LS33M1 <input checked="" type="checkbox"/> L20 1SBV01381 <input checked="" type="checkbox"/> R1320 0 1.8 5.6 mm	LS33M1 <input type="checkbox"/> L20 1SBV01381 <input type="checkbox"/> R1320 0 3.2 9.6 mm	LS33M3 <input type="checkbox"/> L20 1SBV01383 <input type="checkbox"/> R1320 0 5.3 21.0 mm
Snap action contacts 	LS33M1 <input type="checkbox"/> B02 1SBV01381 <input type="checkbox"/> R1202 0 1.8 2.8 4.4 5.6 mm	LS33M1 <input checked="" type="checkbox"/> B02 1SBV01381 <input checked="" type="checkbox"/> R1202 0 1.8 2.8 4.4 5.6 mm	LS33M1 <input type="checkbox"/> B02 1SBV01381 <input type="checkbox"/> R1202 0 3.2 5.0 7.9 9.6 mm	LS33M3 <input type="checkbox"/> B02 1SBV01383 <input type="checkbox"/> R1202 0 5.1 8.6 13.1 21.0 mm
Weight (packing per unit)	kg 0.180	0.180	0.185	0.175

Special heads, accessories and special contact arrangement or particular function: please consult us.

 Closed contact /  Open contact

Dimensions (in mm)



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LS33M... Limit Switches

Metal Casing IP66 - 30 mm Width
1 Cable Inlet M20 x 1.5 for ISO 20 Cable Gland

Unidirectional 30° Cam Translation

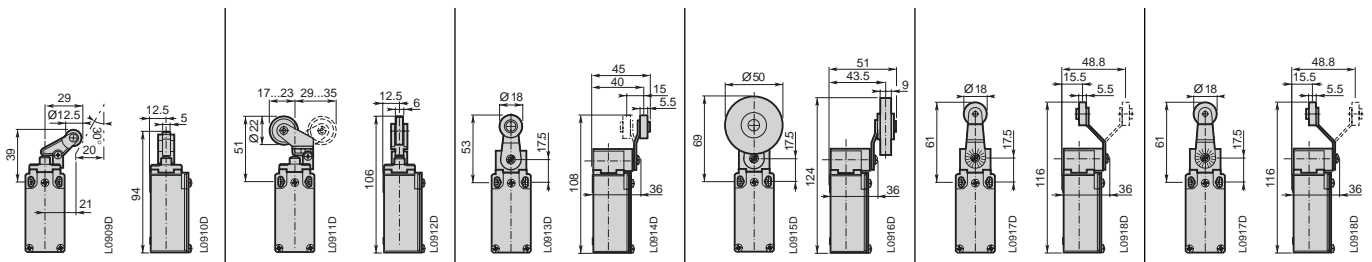
30° Cam Translation Movement

					
Plastic roller lever on plunger	Adjustable plastic roller lever on plunger	ø18 roller lever	ø50 rubber roller lever	ø18 plastic roller with bent lever	ø18 steel roller with bent lever
1 m/s 7 N 24 N	1 m/s 7 N 24 N	EN 50047 (A shape) 1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m

Metal plunger 2 Plastic plunger *	Metal plunger 8 Plastic plunger *	Metal roller 3 Plastic roller 1	-	-	-
LS33M3 2 B11 1SBV01383 2 R1211 0 4.9 9.0 14.5 21.0 mm	LS33M3 8 B11 1SBV01383 8 R1211 0 8.8 15.0 23.2 32.0 mm	LS33M4 3 B11 1SBV01384 3 R1211 0 17° 31° 47° 74°	LS33M42B11 1SBV013842R1211 0 17° 31° 47° 74°	LS33M45B11 1SBV013845R1211 0 17° 31° 47° 74°	LS33M46B11 1SBV013846R1211 0 17° 31° 47° 74°
LS33M3 2 D11 1SBV01383 2 R1411 0 6.0 10.5 21.0 mm	LS33M3 8 D11 1SBV01383 8 R1411 0 10.6 18.5 32.0 mm	LS33M4 3 D11 1SBV01384 3 R1411 0 21° 37° 74°	LS33M42D11 1SBV013842R1411 0 21° 37° 74°	LS33M45D11 1SBV013845R1411 0 21° 37° 74°	LS33M46D11 1SBV013846R1411 0 21° 37° 74°
LS33M3 2 C11 1SBV01383 2 R1511 0 10.2 14.6 21.0 mm	LS33M3 8 C11 1SBV01383 8 R1511 0 16.8 25.1 32.0 mm	LS33M4 3 C11 1SBV01384 3 R1511 0 35° 51° 74°	LS33M42C11 1SBV013842R1511 0 35° 51° 74°	LS33M45C11 1SBV013845R1511 0 35° 51° 74°	LS33M46C11 1SBV013846R1511 0 35° 51° 74°
LS33M3 2 L02 1SBV01383 2 R1302 0 5.7 10.2 21.0 mm	LS33M3 8 L02 1SBV01383 8 R1302 0 9.6 17.8 32.0 mm	LS33M4 3 L02 1SBV01384 3 R1302 0 19° 37° 74°	LS33M42L02 1SBV013842R1302 0 19° 37° 74°	LS33M45L02 1SBV013845R1302 0 19° 37° 74°	LS33M46L02 1SBV013846R1302 0 19° 37° 74°
LS33M3 2 L20 1SBV01383 2 R1320 0 5.3 21.0 mm	LS33M3 8 L20 1SBV01383 8 R1320 0 9.2 32.0 mm	LS33M4 3 L20 1SBV01384 3 R1320 0 18° 74°	LS33M42L20 1SBV013842R1320 0 18° 74°	LS33M45L20 1SBV013845R1320 0 18° 74°	LS33M46L20 1SBV013846R1320 0 18° 74°
LS33M3 2 B02 1SBV01383 2 R1202 0 5.1 8.6 13.1 21.0 mm	LS33M3 8 B02 1SBV01383 8 R1202 0 8.8 14.6 22.8 32.0 mm	LS33M4 3 B02 1SBV01384 3 R1202 0 17° 30° 46° 74°	LS33M42B02 1SBV013842R1202 0 17° 30° 46° 74°	LS33M45B02 1SBV013845R1202 0 17° 30° 46° 74°	LS33M46B02 1SBV013846R1202 0 17° 30° 46° 74°
0.175	0.180	0.235	0.255	0.250	0.255

* Special heads, accessories and special contact arrangement or particular function: please consult us.

■ Closed contact / □ Open contact



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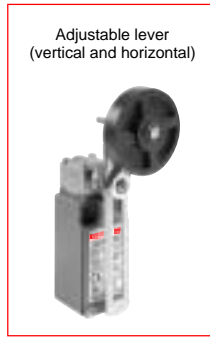
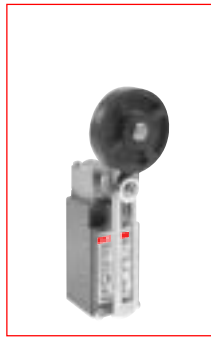
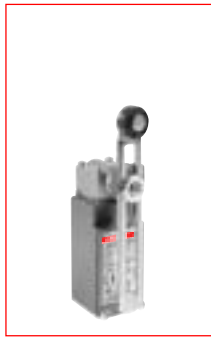
LS33M... Limit Switches

Metal Casing IP66 - 30 mm Width
1 Cable Inlet M20 x 1.5 for ISO 20 Cable Gland

Movement to be detected:

30° Cam Translation Movement

Fully Directional...



Actuator

	Adjustable $\varnothing 18$ roller lever	Adjustable $\varnothing 50$ rubber roller lever	Adjustable lever with $\varnothing 50$ rubber roller	Adjustable $\varnothing 3$ rod lever
Conformity / \odot (N.C. contact with positive opening operation)	-	-	-	-
Maximum actuation speed	1.5 m/s	1.5 m/s	1.5 m/s	1.5 m/s
Min. force / torque: - actuation	0.1 N.m	0.1 N.m	0.1 N.m	0.1 N.m
- positive opening operation	0.32 N.m	0.32 N.m	0.32 N.m	0.32 N.m

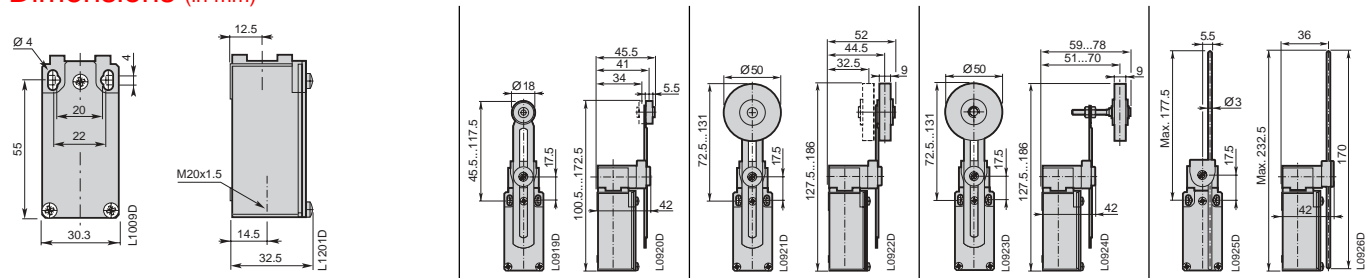
Additional Technical Data

Type and Order code to be completed with code <input type="checkbox"/>	Metal roller <input type="checkbox"/> Plastic roller <input type="checkbox"/>	-	-	Metal rod <input type="checkbox"/> Fibre-glass rod <input type="checkbox"/>	
Snap action contacts	Type Order code	LS33M5 <input type="checkbox"/> B11 1SBV01385 <input type="checkbox"/> R1211	LS33M52B11 1SBV013852R1211	LS33M55B11 1SBV013855R1211	LS33M7 <input type="checkbox"/> B11 1SBV01387 <input type="checkbox"/> R1211
	Operation diagram				
Non-overlapping Slow action contacts	Type Order code	LS33M5 <input type="checkbox"/> D11 1SBV01385 <input type="checkbox"/> R1411	LS33M52D11 1SBV013852R1411	LS33M55D11 1SBV013855R1411	LS33M7 <input type="checkbox"/> D11 1SBV01387 <input type="checkbox"/> R1411
	Operation diagram				
Overlapping Slow action contacts	Type Order code	LS33M5 <input type="checkbox"/> C11 1SBV01385 <input type="checkbox"/> R1511	LS33M52C11 1SBV013852R1511	LS33M55C11 1SBV013855R1511	LS33M7 <input type="checkbox"/> C11 1SBV01387 <input type="checkbox"/> R1511
	Operation diagram				
Slow action contacts	Type Order code	LS33M5 <input type="checkbox"/> L02 1SBV01385 <input type="checkbox"/> R1302	LS33M52L02 1SBV013852R1302	LS33M55L02 1SBV013855R1302	LS33M7 <input type="checkbox"/> L02 1SBV01387 <input type="checkbox"/> R1302
	Operation diagram				
Slow action contacts	Type Order code	LS33M5 <input type="checkbox"/> L20 1SBV01385 <input type="checkbox"/> R1320	LS33M52L20 1SBV013852R1320	LS33M55L20 1SBV013855R1320	LS33M7 <input type="checkbox"/> L20 1SBV01387 <input type="checkbox"/> R1320
	Operation diagram				
Snap action contacts	Type Order code	LS33M5 <input type="checkbox"/> B02 1SBV01385 <input type="checkbox"/> R1202	LS33M52B02 1SBV013852R1202	LS33M55B02 1SBV013855R1202	LS33M7 <input type="checkbox"/> B02 1SBV01387 <input type="checkbox"/> R1202
	Operation diagram				
Weight (packing per unit)	kg	0.245	0.265	0.270	0.245

Special heads, accessories and special contact arrangement or particular function: please consult us.

Closed contact / Open contact

Dimensions (in mm)



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>> Utilization Precautions page 51

LS33M... Limit Switches

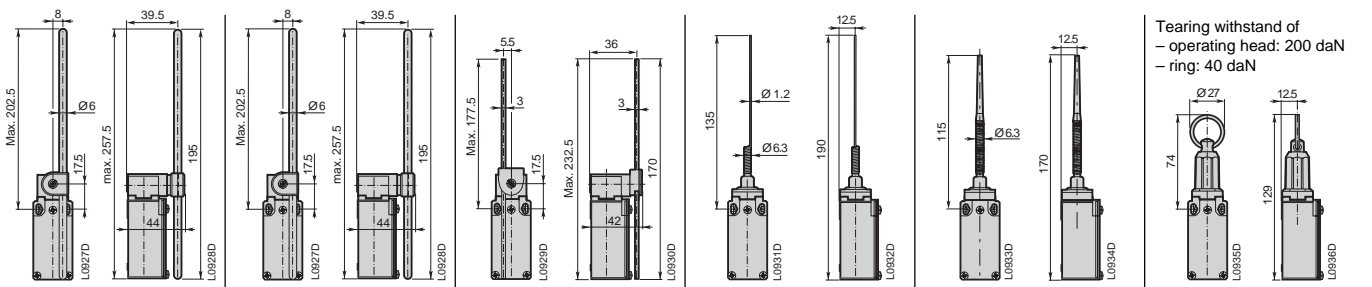
Metal Casing IP66 - 30 mm Width
1 Cable Inlet M20 x 1.5 for ISO 20 Cable Gland

Fully Directional Translation Movement			Multidirectional		Pull Action
Adjustable ø6 polyamide rod lever	Adjustable ø6 fibre-glass rod lever	Adjustable 3 square steel rod lever	Spring rod	Flexible rod with insulated end	Pull action with ring
1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1 m/s 0.12 N.m	1 m/s 0.12 N.m	0.5 m/s 30 N

LS33M73B11 1SBV013873R1211	LS33M74B11 1SBV013874R1211	LS33M78B11 1SBV013878R1211	LS33M91B11 1SBV013891R1211	LS33M92B11 1SBV013892R1211	LS33M98B11-A 1SBV013898R1211
LS33M73D11 1SBV013873R1411	LS33M74D11 1SBV013874R1411	LS33M78D11 1SBV013878R1411	LS33M91D11 1SBV013891R1411	LS33M92D11 1SBV013892R1411	LS33M98D11-A 1SBV013898R1411
LS33M73C11 1SBV013873R1511	LS33M74C11 1SBV013874R1511	LS33M78C11 1SBV013878R1511	LS33M91C11 1SBV013891R1511	LS32M92C11 1SBV013892R1511	
LS33M73L02 1SBV013873R1302	LS33M74L02 1SBV013874R1302	LS33M78L02 1SBV013878R1302	LS33M91L02 1SBV013891R1302	LS33M92L02 1SBV013892R1302	LS33M98L02-A 1SBV013898R1302
LS33M73L20 1SBV013873R1320	LS33M74L20 1SBV013874R1320	LS33M78L20 1SBV013878R1320	LS33M91L20 1SBV013891R1320	LS33M92L20 1SBV013892R1320	LS33M98L20-A 1SBV013898R1320
LS33M73B02 1SBV013873R1202	LS33M74B02 1SBV013874R1202	LS33M78B02 1SBV013878R1202	LS33M91B02 1SBV013891R1202	LS33M92B02 1SBV013892R1202	
0.255	0.255	0.240	0.180	0.185	0.215

☒ Special heads, accessories and special contact arrangement or particular function: please consult us.

■ Closed contact / □ Open contact

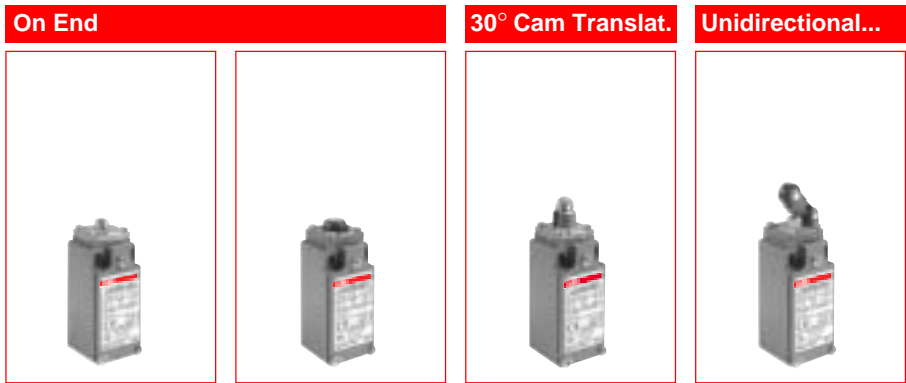


>> Description, Travel and Technical Data pages 4...11 >> Accessories page 48 >> Utilization Precautions page 51

LS35M... Limit Switches

Metal Casing IP66 - 30 mm Width
1 Cable Inlet for 1/2" NPT Cable Gland

Movement to be detected:



Actuator

	Plain plunger	Plain plunger with dust protection cup	Roller plunger	Plastic roller lever on plunger
Conformity / \odot (N.C. contact with positive opening operation)	EN 50047 (B shape)	EN 50047 (B shape)	EN 50047 (C shape)	EN 50047 (E shape)
Maximum actuation speed	0.5 m/s	0.5 m/s	0.3 m/s	1 m/s
Min. force / torque: - actuation	15 N	15 N	12 N	7 N
- positive opening operation	45 N	45 N	41 N	24 N

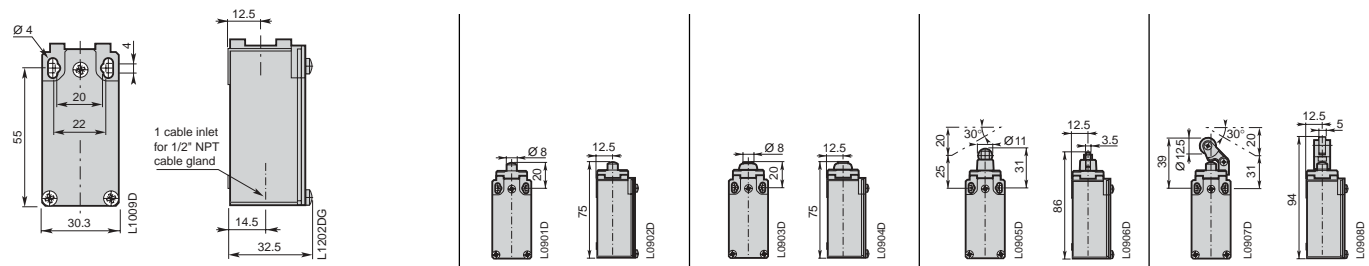
Additional Technical Data

Type and Order code to be completed with code <input type="checkbox"/>	Metal plunger <input type="checkbox"/> Plastic plunger <input checked="" type="checkbox"/>	Metal plunger <input checked="" type="checkbox"/> Plastic plunger <input checked="" type="checkbox"/>	Metal roller <input type="checkbox"/> Plastic roller <input checked="" type="checkbox"/>	Metal plunger <input type="checkbox"/> Plastic plunger <input checked="" type="checkbox"/>	
Snap action contacts	LS35M1 <input type="checkbox"/> B11 1SBV01371 <input type="checkbox"/> R1211	LS35M1 <input checked="" type="checkbox"/> B11 1SBV01371 <input checked="" type="checkbox"/> R1211	LS35M1 <input type="checkbox"/> B11 1SBV01371 <input type="checkbox"/> R1211	LS35M3 <input type="checkbox"/> B11 1SBV01373 <input type="checkbox"/> R1211	
 Zb	0 1.7 2.7 4.3 5.6 mm	0 1.7 2.7 4.3 5.6 mm	0 3.0 4.8 7.7 9.6 mm	0 4.9 9.0 14.5 21.0 mm	
Non-overlapping Slow action contacts	LS35M1 <input type="checkbox"/> D11 1SBV01371 <input type="checkbox"/> R1411	LS35M1 <input checked="" type="checkbox"/> D11 1SBV01371 <input checked="" type="checkbox"/> R1411	LS35M1 <input type="checkbox"/> D11 1SBV01371 <input type="checkbox"/> R1411	LS35M3 <input type="checkbox"/> D11 1SBV01373 <input type="checkbox"/> R1411	
 Zb	0 1.9 3.5 5.6 mm	0 1.9 3.5 5.6 mm	0 3.4 6.3 9.6 mm	0 6.0 10.5 21.0 mm	
Overlapping Slow action contacts	LS35M1 <input type="checkbox"/> C11 1SBV01371 <input type="checkbox"/> R1511	LS35M1 <input checked="" type="checkbox"/> C11 1SBV01371 <input checked="" type="checkbox"/> R1511	LS35M1 <input type="checkbox"/> C11 1SBV01371 <input type="checkbox"/> R1511	LS35M3 <input type="checkbox"/> C11 1SBV01373 <input type="checkbox"/> R1511	
 Zb	0 3.2 4.8 5.6 mm	0 3.2 4.8 5.6 mm	0 5.7 8.6 9.6 mm	0 10.2 14.6 21.0 mm	
Slow action contacts	LS35M1 <input type="checkbox"/> L02 1SBV01371 <input type="checkbox"/> R1302	LS35M1 <input checked="" type="checkbox"/> L02 1SBV01371 <input checked="" type="checkbox"/> R1302	LS35M1 <input type="checkbox"/> L02 1SBV01371 <input type="checkbox"/> R1302	LS35M3 <input type="checkbox"/> L02 1SBV01373 <input type="checkbox"/> R1302	
 Zb	0 1.9 3.5 5.6 mm	0 1.9 3.5 5.6 mm	0 3.4 6.3 9.6 mm	0 5.7 10.2 21.0 mm	
Slow action contacts	LS35M1 <input type="checkbox"/> L20 1SBV01371 <input type="checkbox"/> R1320	LS35M1 <input checked="" type="checkbox"/> L20 1SBV01371 <input checked="" type="checkbox"/> R1320	LS35M1 <input type="checkbox"/> L20 1SBV01371 <input type="checkbox"/> R1320	LS35M3 <input type="checkbox"/> L20 1SBV01373 <input type="checkbox"/> R1320	
 Zb	0 1.8 5.6 mm	0 1.8 5.6 mm	0 3.2 9.6 mm	0 5.3 21.0 mm	
Snap action contacts	LS35M1 <input type="checkbox"/> B02 1SBV01371 <input type="checkbox"/> R1202	LS35M1 <input checked="" type="checkbox"/> B02 1SBV01371 <input checked="" type="checkbox"/> R1202	LS35M1 <input type="checkbox"/> B02 1SBV01371 <input type="checkbox"/> R1202	LS35M3 <input type="checkbox"/> B02 1SBV01373 <input type="checkbox"/> R1202	
 Zb	0 1.8 2.8 4.4 5.6 mm	0 1.8 2.8 4.4 5.6 mm	0 3.2 5.0 7.9 9.6 mm	0 5.1 8.6 13.1 21.0 mm	
Weight (packing per unit)	kg	0.180	0.180	0.185	0.175

Special heads, accessories and special contact arrangement or particular function: please consult us.

Closed contact / Open contact

Dimensions (in mm)



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>> Utilization Precautions page 51

LS35M... Limit Switches

Metal Casing IP66 - 30 mm Width
1 Cable Inlet for 1/2" NPT Cable Gland

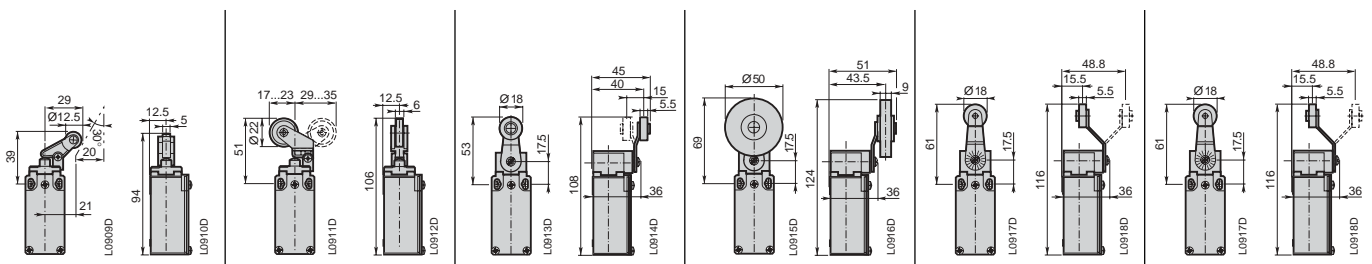
Unidirectional 30° Cam Translation 30° Cam Translation Movement

					
Plastic roller lever on plunger	Adjustable plastic roller lever on plunger	ø18 roller lever	ø50 rubber roller lever	ø18 plastic roller with bent lever	ø18 steel roller with bent lever
1 m/s 7 N 24 N	1 m/s 7 N 24 N	EN 50047 (A shape) 1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m

Metal plunger <input type="checkbox"/> Plastic plunger <input checked="" type="checkbox"/>	Metal plunger <input type="checkbox"/> Plastic plunger <input checked="" type="checkbox"/>	Metal roller <input type="checkbox"/> Plastic roller <input type="checkbox"/>	-	-	-
LS35M3 <input type="checkbox"/> B11 1SBV01373 <input type="checkbox"/> R1211	LS35M3 <input type="checkbox"/> B11 1SBV01373 <input type="checkbox"/> R1211	LS35M4 <input type="checkbox"/> B11 1SBV01374 <input type="checkbox"/> R1211	LS35M42B11 1SBV013742R1211	LS35M45B11 1SBV013745R1211	LS35M46B11 1SBV013746R1211
0 4.9 9.0 14.5 21.0 mm	0 8.8 15.0 23.2 32.0 mm	0 17° 31° 47° 74°	0 17° 31° 47° 74°	0 17° 31° 47° 74°	0 17° 31° 47° 74°
LS35M3 <input type="checkbox"/> D11 1SBV01373 <input type="checkbox"/> R1411	LS35M3 <input type="checkbox"/> D11 1SBV01373 <input type="checkbox"/> R1411	LS35M4 <input type="checkbox"/> D11 1SBV01374 <input type="checkbox"/> R1411	LS35M42D11 1SBV 01 3742 R1411	LS35M45D11 1SBV013745R1411	LS35M46D11 1SBV013746R1411
0 6.0 10.5 21.0 mm	0 10.6 18.5 32.0 mm	0 21° 37° 74°	0 21° 37° 74°	0 21° 37° 74°	0 21° 37° 74°
LS35M3 <input type="checkbox"/> C11 1SBV01373 <input type="checkbox"/> R1511	LS35M3 <input type="checkbox"/> C11 1SBV01373 <input type="checkbox"/> R1511	LS35M4 <input type="checkbox"/> C11 1SBV01374 <input type="checkbox"/> R1511	LS35M42C11 1SBV013742R1511	LS35M45C11 1SBV013745R1511	LS35M46C11 1SBV013746R1511
0 10.2 14.6 21.0 mm	0 16.8 25.1 32.0 mm	0 35° 51° 74°	0 35° 51° 74°	0 35° 51° 74°	0 35° 51° 74°
LS35M3 <input type="checkbox"/> L02 1SBV01373 <input type="checkbox"/> R1302	LS35M3 <input type="checkbox"/> L02 1SBV01373 <input type="checkbox"/> R1302	LS35M4 <input type="checkbox"/> L02 1SBV01374 <input type="checkbox"/> R1302	LS35M42L02 1SBV013742R1302	LS35M45L02 1SBV013745R1302	LS35M46L02 1SBV013746R1302
0 5.7 10.2 21.0 mm	0 9.6 17.8 32.0 mm	0 19° 37° 74°	0 19° 37° 74°	0 19° 37° 74°	0 19° 37° 74°
LS35M3 <input type="checkbox"/> L20 1SBV01373 <input type="checkbox"/> R1320	LS35M3 <input type="checkbox"/> L20 1SBV01373 <input type="checkbox"/> R1320	LS35M4 <input type="checkbox"/> L20 1SBV01374 <input type="checkbox"/> R1320	LS35M42L20 1SBV013742R1320	LS35M45L20 1SBV013745R1320	LS35M46L20 1SBV013746R1320
0 5.3 21.0 mm	0 9.2 32.0 mm	0 18° 74°	0 18° 74°	0 18° 74°	0 18° 74°
LS35M3 <input type="checkbox"/> B02 1SBV01373 <input type="checkbox"/> R1202	LS35M3 <input type="checkbox"/> B02 1SBV01373 <input type="checkbox"/> R1202	LS35M4 <input type="checkbox"/> B02 1SBV01374 <input type="checkbox"/> R1202	LS35M42B02 1SBV013742R1202	LS35M45B02 1SBV013745R1202	LS35M46B02 1SBV013746R1202
0 5.1 8.6 13.1 21.0 mm	0 8.8 14.6 22.8 32.0 mm	0 17° 30° 46° 74°	0 17° 30° 46° 74°	0 17° 30° 46° 74°	0 17° 30° 46° 74°
0.175	0.180	0.235	0.255	0.250	0.255

Special heads, accessories and special contact arrangement or particular function: please consult us.

Closed contact / Open contact



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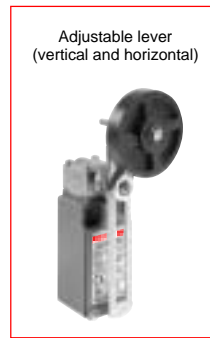
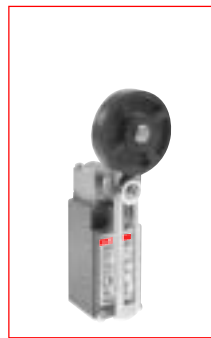
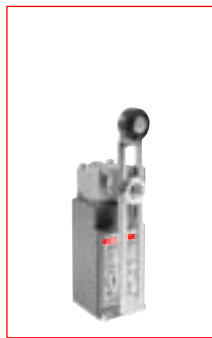
LS35M... Limit Switches

Metal Casing IP66 - 30 mm Width
1 Cable Inlet for 1/2" NPT Cable Gland

Movement to be detected:

30° Cam Translation Movement

Fully Directional...



Actuator

	Adjustable ø18 roller lever	Adjustable ø50 rubber roller lever	Adjustable lever with ø50 rubber roller	Adjustable ø3 rod lever
Conformity / \ominus (N.C. contact with positive opening operation)	-	-	-	-
Maximum actuation speed	1.5 m/s	1.5 m/s	1.5 m/s	1.5 m/s
Min. force / torque: - actuation	0.1 N.m	0.1 N.m	0.1 N.m	0.1 N.m
- positive opening operation	0.32 N.m	0.32 N.m	0.32 N.m	0.32 N.m

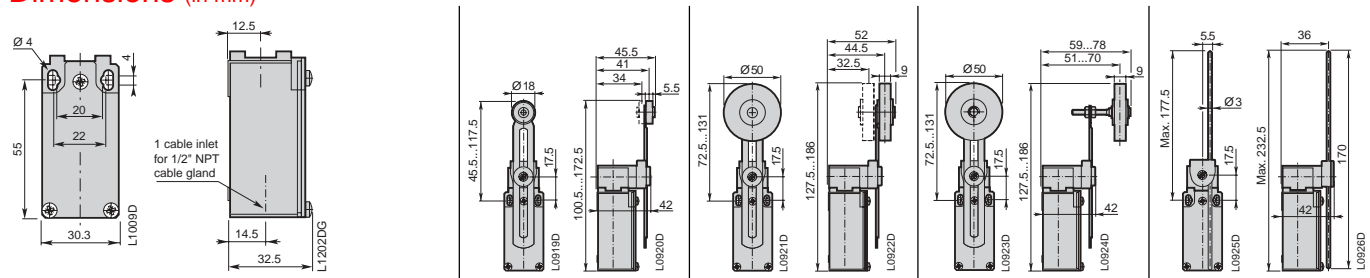
Additional Technical Data

Type and Order code to be completed with code <input type="checkbox"/>	Metal roller <input type="checkbox"/> 3 Plastic roller <input type="checkbox"/> 1	-	-	Metal rod <input type="checkbox"/> 1 Fibre-glass rod <input type="checkbox"/> 2
Snap action contacts Type Order code Operation diagram	LS35M5 <input type="checkbox"/> B11 1SBV01375 <input type="checkbox"/> R1211	LS35M52B11 1SBV013752R1211	LS35M55B11 1SBV013755R1211	LS35M7 <input type="checkbox"/> B11 1SBV01377 <input type="checkbox"/> R1211
Non-overlapping Slow action contacts Type Order code Operation diagram	LS35M5 <input type="checkbox"/> D11 1SBV01375 <input type="checkbox"/> R1411	LS35M52D11 1SBV013752R1411	LS35M55D11 1SBV013755R1411	LS35M7 <input type="checkbox"/> D11 1SBV01377 <input type="checkbox"/> R1411
Overlapping Slow action contacts Type Order code Operation diagram	LS35M5 <input type="checkbox"/> C11 1SBV01375 <input type="checkbox"/> R1511	LS35M52C11 1SBV013752R1511	LS35M55C11 1SBV013755R1511	LS35M7 <input type="checkbox"/> C11 1SBV01377 <input type="checkbox"/> R1511
Slow action contacts Type Order code Operation diagram	LS35M5 <input type="checkbox"/> L02 1SBV01375 <input type="checkbox"/> R1302	LS35M52L02 1SBV013752R1302	LS35M55L02 1SBV013755R1302	LS35M7 <input type="checkbox"/> L02 1SBV01377 <input type="checkbox"/> R1302
Slow action contacts Type Order code Operation diagram	LS35M5 <input type="checkbox"/> L20 1SBV01375 <input type="checkbox"/> R1320	LS35M52L20 1SBV013752R1320	LS35M55L20 1SBV013755R1320	LS35M7 <input type="checkbox"/> L20 1SBV01377 <input type="checkbox"/> R1320
Snap action contacts Type Order code Operation diagram	LS35M5 <input type="checkbox"/> B02 1SBV01375 <input type="checkbox"/> R1202	LS35M52B02 1SBV013752R1202	LS35M55B02 1SBV013755R1202	LS35M7 <input type="checkbox"/> B02 1SBV01377 <input type="checkbox"/> R1202
Weight (packing per unit)	kg 0.245	0.265	0.270	0.245

Special heads, accessories and special contact arrangement or particular function: please consult us.

Closed contact / Open contact

Dimensions (in mm)



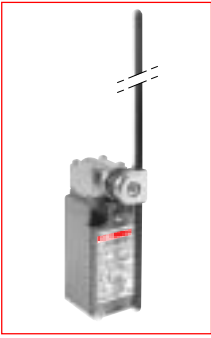
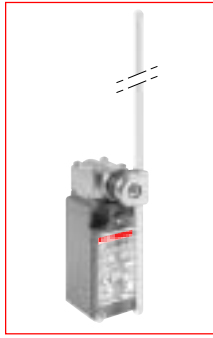
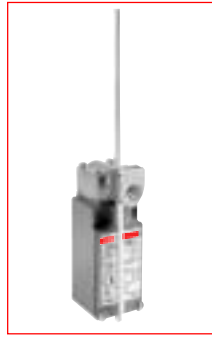
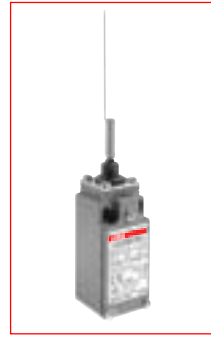


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LS35M... Limit Switches

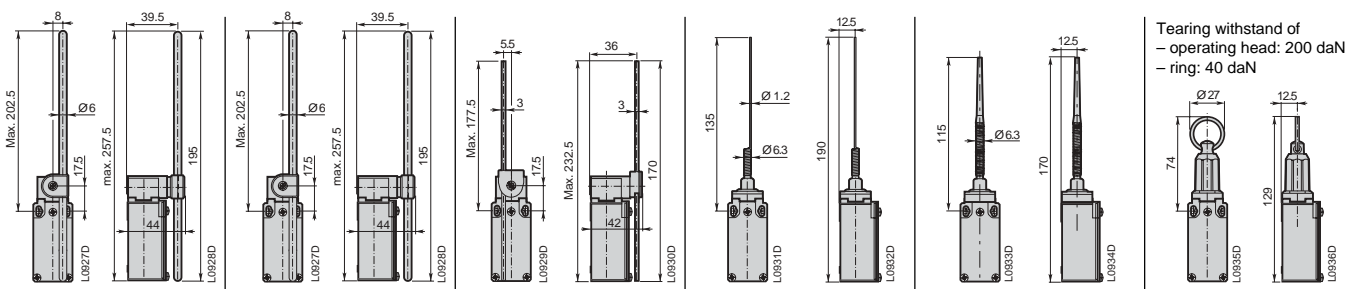
Metal Casing IP66 - 30 mm Width
1 Cable Inlet for 1/2" NPT Cable Gland

Fully Directional Translation Movement			Multidirectional		Pull Action
					
Adjustable ø6 polyamide rod lever	Adjustable ø6 fibre-glass rod lever	Adjustable 3 square steel rod lever	Spring rod	Flexible rod with insulated end	Pull action with ring
1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1 m/s 0.12 N.m	1 m/s 0.12 N.m	0.5 m/s 30 N

LS35M73B11 1SBV013773R1211	LS35M74B11 1SBV013774R1211	LS35M78B11 1SBV013778R1211	LS35M91B11 1SBV013791R1211	LS35M92B11 1SBV013792R1211	LS35M98B11-A 1SBV013798R1211
LS35M73D11 1SBV013773R1411	LS35M74D11 1SBV013774R1411	LS35M78D11 1SBV013778R1411	LS35M91D11 1SBV013791R1411	LS35M92D11 1SBV013792R1411	LS35M98D11-A 1SBV013798R1411
LS35M73C11 1SBV013773R1511	LS35M74C11 1SBV013774R1511	LS35M78C11 1SBV013778R1511	LS35M91C11 1SBV013791R1511	LS35M92C11 1SBV013792R1511	
LS35M73L02 1SBV013773R1302	LS35M74L02 1SBV013774R1302	LS35M78L02 1SBV013778R1302	LS35M91L02 1SBV013791R1302	LS35M92L02 1SBV013792R1302	LS35M98L02-A 1SBV013798R1302
LS35M73L20 1SBV013773R1320	LS35M74L20 1SBV013774R1320	LS35M78L20 1SBV013778R1320	LS35M91L20 1SBV013791R1320	LS35M92L20 1SBV013792R1320	LS35M98L20-A 1SBV013798R1320
LS35M73B02 1SBV013773R1202	LS35M74B02 1SBV013774R1202	LS35M78B02 1SBV013778R1202	LS35M91B02 1SBV013791R1202	LS35M92B02 1SBV013792R1202	
0.255	0.255	0.240	0.180	0.185	0.215

☒ Special heads, accessories and special contact arrangement or particular function: please consult us.

■ Closed contact / □ Open contact



>> Description, Travel and Technical Data pages 4...11

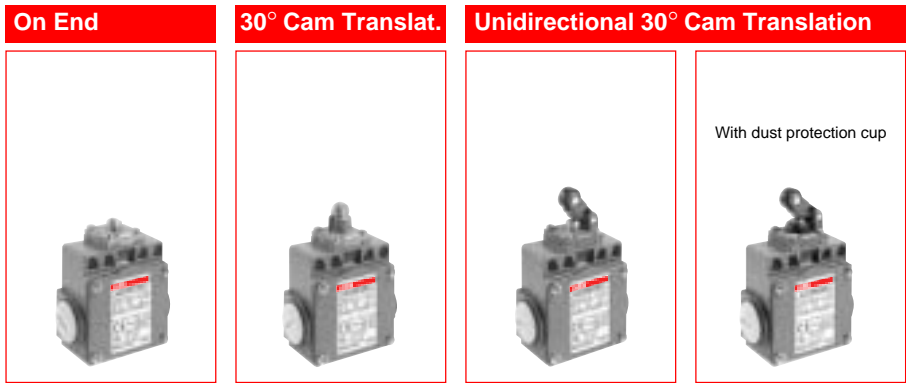
>> Accessories page 48

>> Utilization Precautions page 51

LS72M... Limit Switches

Metal Casing IP66 - 60 mm Width
3 Cable Inlets M16 x 1.5 for ISO 16 Cable Gland

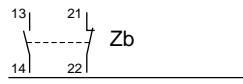
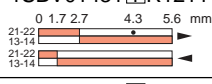
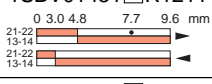
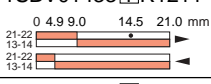
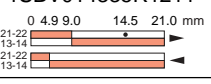
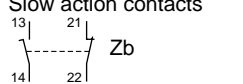
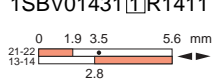
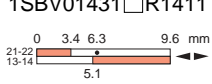
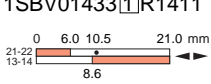
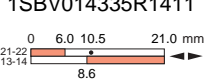
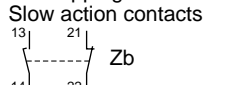
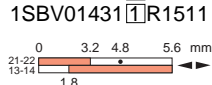
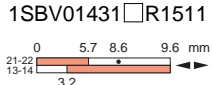
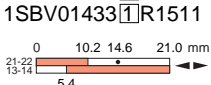
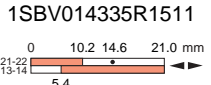
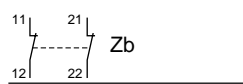
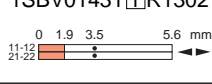
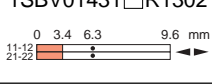
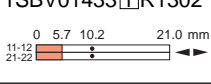
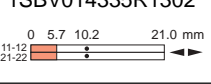
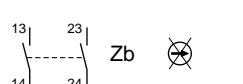
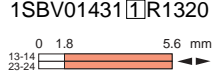
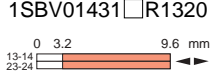
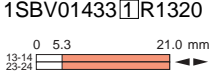
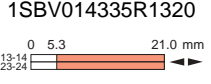
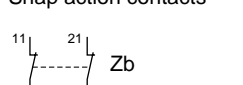
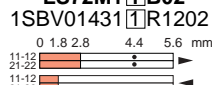
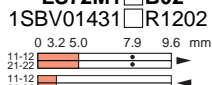
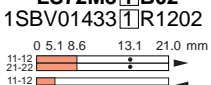
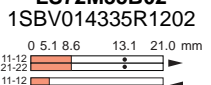
Movement to be detected:





Actuator

	Plain plunger	Roller plunger	Plastic roller lever on plunger	Plastic roller lever on steel plunger
Conformity / \Rightarrow (N.C. contact with positive opening operation)	-	-	-	-
Maximum actuation speed	0.5 m/s	0.3 m/s	1 m/s	1 m/s
Min. force / torque: - actuation	15 N	12 N	7 N	7 N
- positive opening operation	45 N	41 N	24 N	24 N

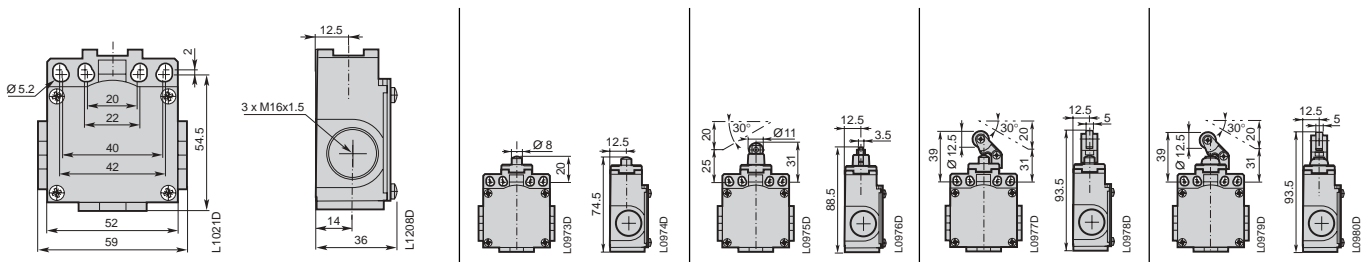
Additional Technical Data

Type and Order code to be completed with code <input type="checkbox"/>		Metal plunger 1 Plastic plunger *	Metal roller 2 Plastic roller 3	Metal plunger 1 Plastic plunger *	- -
Snap action contacts	Type Order code	LS72M1 1 B11 1SBV01431 1 R1211	LS72M1 2 B11 1SBV01431 2 R1211	LS72M3 1 B11 1SBV01433 1 R1211	LS72M35B11 1SBV014335R1211
	Operation diagram				
Non-overlapping Slow action contacts	Type Order code	LS72M1 1 D11 1SBV01431 1 R1411	LS72M1 2 D11 1SBV01431 2 R1411	LS72M3 1 D11 1SBV01433 1 R1411	LS72M35D11 1SBV014335R1411
	Operation diagram				
Overlapping Slow action contacts	Type Order code	LS72M1 1 C11 1SBV01431 1 R1511	LS72M1 2 C11 1SBV01431 2 R1511	LS72M3 1 C11 1SBV01433 1 R1511	LS72M35C11 1SBV014335R1511
	Operation diagram				
Slow action contacts	Type Order code	LS72M1 1 L02 1SBV01431 1 R1302	LS72M1 2 L02 1SBV01431 2 R1302	LS72M3 1 L02 1SBV01433 1 R1302	LS72M35L02 1SBV014335R1302
	Operation diagram				
Slow action contacts	Type Order code	LS72M1 1 L20 1SBV01431 1 R1320	LS72M1 2 L20 1SBV01431 2 R1320	LS72M3 1 L20 1SBV01433 1 R1320	LS72M35L20 1SBV014335R1320
	Operation diagram				
Snap action contacts	Type Order code	LS72M1 1 B02 1SBV01431 1 R1202	LS72M1 2 B02 1SBV01431 2 R1202	LS72M3 1 B02 1SBV01433 1 R1202	LS72M35B02 1SBV014335R1202
	Operation diagram				
Weight (packing per unit)	kg	0.270	0.280	0.265	0.265

Special heads, accessories and special contact arrangement or particular function: please consult us.

 Closed contact /  Open contact




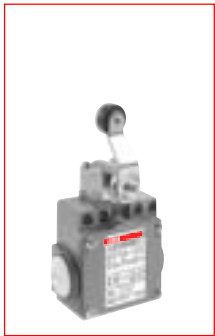


Dimensions (in mm)



LS72M... Limit Switches

Metal Casing IP66 - 60 mm Width
3 Cable Inlets M16 x 1.5 for ISO 16 Cable Gland

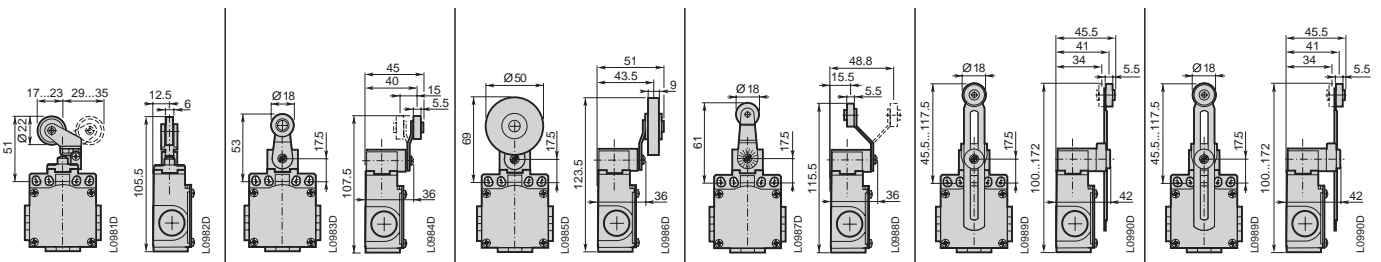
Unidirectional... 30° Cam Translation Movement

					
Adjustable plastic roller lever on plunger	ø18 roller lever	ø50 rubber roller lever	ø18 roller with bent lever	Adjustable ø18 plastic roller lever	Adjustable ø18 steel roller lever
1 m/s 7 N 24 N	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m

Metal plunger 8 Plastic plunger *	Metal roller 3 Plastic roller 1	-	Metal roller 6 Plastic roller 5	-	-
LS72M38B11 1SBV014338R1211 0 8.8 15.0 23.2 32.0 mm	LS72M4B11 1SBV01434R1211 0 17° 31° 47° 74°	LS72M42B11 1SBV014342R1211 0 17° 31° 47° 74°	LS72M4B11 1SBV01434R1211 0 17° 31° 47° 74°	LS72M51B11 1SBV014351R1211 0 17° 31° 47° 74°	LS72M53B11 1SBV014353R1211 0 17° 31° 47° 74°
LS72M38D11 1SBV014338R1411 0 10.6 18.5 32.0 mm 15.1	LS72M4D11 1SBV01434R1411 0 21° 37° 74° 30°	LS72M42D11 1SBV014342R1411 0 21° 37° 74° 30°	LS72M4D11 1SBV01434R1411 0 21° 37° 74° 30°	LS72M51D11 1SBV014351R1411 0 21° 37° 74° 30°	LS72M53D11 1SBV014353R1411 0 21° 37° 74° 30°
LS72M38C11 1SBV014338R1511 0 16.8 25.1 32.0 mm 9.4	LS72M4C11 1SBV01434R1511 0 35° 51° 74° 18°	LS72M42C11 1SBV014342R1511 0 35° 51° 74° 18°	LS72M4C11 1SBV01434R1511 0 35° 51° 74° 18°	LS72M51C11 1SBV014351R1511 0 35° 51° 74° 18°	LS72M53C11 1SBV014353R1511 0 35° 51° 74° 18°
LS72M38L02 1SBV014338R1302 0 9.6 17.8 32.0 mm	LS72M4L02 1SBV01434R1302 0 19° 37° 74°	LS72M42L02 1SBV014342R1302 0 19° 37° 74°	LS72M4L02 1SBV01434R1302 0 19° 37° 74°	LS72M51L02 1SBV014351R1302 0 19° 37° 74°	LS72M53L02 1SBV014353R1302 0 19° 37° 74°
LS72M38L20 1SBV014338R1320 0 9.2 32.0 mm	LS72M4L20 1SBV01434R1320 0 18° 74°	LS72M42L20 1SBV014342R1320 0 18° 74°	LS72M4L20 1SBV01434R1320 0 18° 74°	LS72M51L20 1SBV014351R1320 0 18° 74°	LS72M53L20 1SBV014353R1320 0 18° 74°
LS72M38B02 1SBV014338R1202 0 8.8 14.6 22.8 32.0 mm	LS72M4B02 1SBV01434R1202 0 17° 30° 46° 74°	LS72M42B02 1SBV014342R1202 0 17° 30° 46° 74°	LS72M4B02 1SBV01434R1202 0 17° 30° 46° 74°	LS72M51B02 1SBV014351R1202 0 17° 30° 46° 74°	LS72M53B02 1SBV014353R1202 0 17° 30° 46° 74°
0.270	0.325	0.345	0.340	0.340	0.345

* Special heads, accessories and special contact arrangement or particular function: please consult us.

■ Closed contact / □ Open contact



LS72M... Limit Switches

Metal Casing IP66 - 60 mm Width
3 Cable Inlets M16 x 1.5 for ISO 16 Cable Gland

Movement to be detected:

30° Cam Translat.

Fully Directional Translation Movement



Actuator

	Adjustable ø50 rubber roller lever	Flexible lever with insulated end	Coil spring lever	Adjustable ø3 rod lever
Conformity / (N.C. contact with positive opening operation)	-	-	-	-
Maximum actuation speed	1.5 m/s	1.5 m/s	1.5 m/s	1.5 m/s
Min. force / torque: - actuation	0.1 N.m	0.1 N.m	0.1 N.m	0.1 N.m
- positive opening operation	0.32 N.m	-	-	0.32 N.m

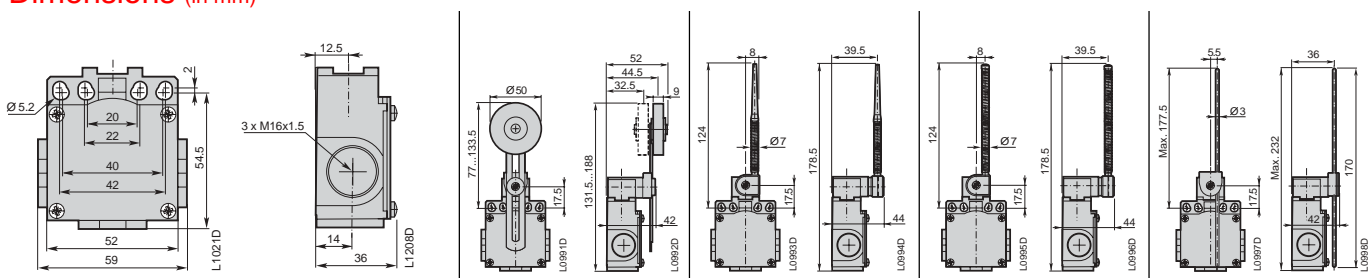
Additional Technical Data

Type and Order code to be completed with code <input type="checkbox"/>	-	-	-	Metal rod <input type="checkbox"/> 1 Fibre-glass rod <input type="checkbox"/> 2	
Snap action contacts Zb	Type Order code	LS72M52B11 1SBV014352R1211	LS72M61B11 1SBV014361R1211	LS72M62B11 1SBV014362R1211	LS72M7 <input type="checkbox"/> B11 1SBV01437 <input type="checkbox"/> R1211
Operation diagram					
Non-overlapping Slow action contacts Zb	Type Order code	LS72M52D11 1SBV014352R1411	LS72M61D11 1SBV014361R1411	LS72M62D11 1SBV014362R1411	LS72M7 <input type="checkbox"/> D11 1SBV01437 <input type="checkbox"/> R1411
Operation diagram					
Overlapping Slow action contacts Zb	Type Order code	LS72M52C11 1SBV014352R1511	LS72M61C11 1SBV014361R1511	LS72M62C11 1SBV014362R1511	LS72M7 <input type="checkbox"/> C11 1SBV01437 <input type="checkbox"/> R1511
Operation diagram					
Slow action contacts Zb	Type Order code	LS72M52L02 1SBV014352R1302	LS72M61L02 1SBV014361R1302	LS72M62L02 1SBV014362R1302	LS72M7 <input type="checkbox"/> L02 1SBV01437 <input type="checkbox"/> R1302
Operation diagram					
Slow action contacts Zb	Type Order code	LS72M52L20 1SBV014352R1320	LS72M61L20 1SBV014361R1320	LS72M62L20 1SBV014362R1320	LS72M7 <input type="checkbox"/> L20 1SBV01437 <input type="checkbox"/> R1320
Operation diagram					
Snap action contacts Zb	Type Order code	LS72M52B02 1SBV014352R1202	LS72M61B02 1SBV014361R1202	LS72M62B02 1SBV014362R1202	LS72M7 <input type="checkbox"/> B02 1SBV01437 <input type="checkbox"/> R1202
Operation diagram					
Weight (packing per unit)	kg	0.355	0.375	0.380	0.380

Special heads, accessories and special contact arrangement or particular function: please consult us.

Closed contact / Open contact

Dimensions (in mm)



>> Description, Travel and Technical Data pages 4..11

>> Accessories page 48

>> Utilization Precautions page 51

LS72M... Limit Switches

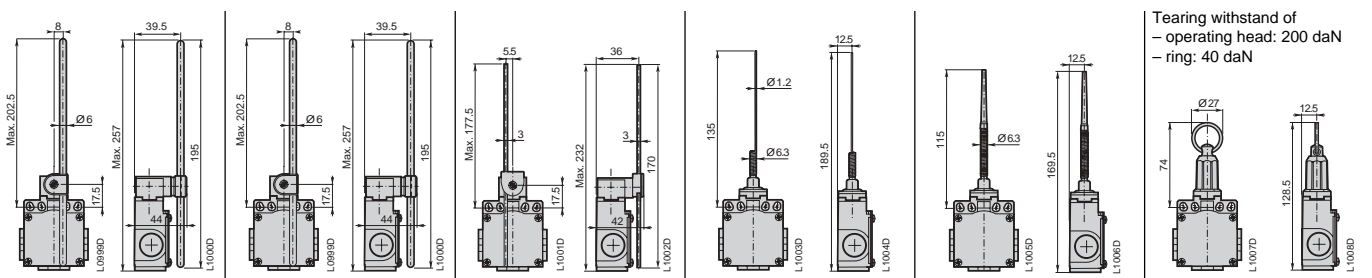
Metal Casing IP66 - 60 mm Width
3 Cable Inlets M16 x 1.5 for ISO 16 Cable Gland

Fully Directional Translation Movement			Multidirectional		Pull Action
Adjustable Ø6 polyamide rod lever	Adjustable Ø6 fibre-glass rod lever	Adjustable 3 square steel rod lever	Spring rod	Flexible rod with insulated end	Pull action with ring
1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1 m/s 0.12 N.m	1 m/s 0.12 N.m	0.5 m/s 30 N

LS72M73B11 1SBV014373R1211	LS72M74B11 1SBV014374R1211	LS72M78B11 1SBV014378R1211	LS72M91B11 1SBV014391R1211	LS72M92B11 1SBV014392R1211	LS72M98B11-A 1SBV014398R1211
0 17° 31° 47° 74°	0 17° 31° 47° 74°	0 17° 31° 47° 74°	0 12° 23° 36°	0 12° 23° 36°	0 0.9 2.0 5.6 mm
21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14
LS72M73D11 1SBV014373R1411	LS72M74D11 1SBV014374R1411	LS72M78D11 1SBV014378R1411	LS72M91D11 1SBV014391R1411	LS72M92D11 1SBV014392R1411	LS72M98D11-A 1SBV014398R1411
0 21° 37° 74°	0 21° 37° 74°	0 21° 37° 74°	0 14° 36°	0 14° 36°	0 1.0 5.6 mm
21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14
LS72M73C11 1SBV014373R1511	LS72M74C11 1SBV014374R1511	LS72M78C11 1SBV014378R1511	LS72M91C11 1SBV014391R1511	LS72M92C11 1SBV014392R1511	
0 35° 51° 74°	0 35° 51° 74°	0 35° 51° 74°	0 25° 36°	0 25° 36°	
21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	
LS72M73L02 1SBV014373R1302	LS72M74L02 1SBV014374R1302	LS72M78L02 1SBV014378R1302	LS72M91L02 1SBV014391R1302	LS72M92L02 1SBV014392R1302	LS72M98L02-A 1SBV014398R1302
0 19° 37° 74°	0 19° 37° 74°	0 19° 37° 74°	0 14° 36°	0 14° 36°	0 2.0 5.6 mm
11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22
LS72M73L20 1SBV014373R1320	LS72M74L20 1SBV014374R1320	LS72M78L20 1SBV014378R1320	LS72M91L20 1SBV014391R1320	LS72M92L20 1SBV014392R1320	LS72M98L20-A 1SBV014398R1320
0 18° 74°	0 18° 74°	0 18° 74°	0 13° 36°	0 13° 36°	0 1.8 5.6 mm
13-14 23-24	13-14 23-24	13-14 23-24	13-14 23-24	13-14 23-24	13-14 23-24
LS72M73B02 1SBV014373R1202	LS72M74B02 1SBV014374R1202	LS72M78B02 1SBV014378R1202	LS72M91B02 1SBV014391R1202	LS72M92B02 1SBV014392R1202	
0 17° 30° 46° 74°	0 17° 30° 46° 74°	0 17° 30° 46° 74°	0 12° 22° 36°	0 12° 22° 36°	
11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	
0.390	0.390	0.375	0.315	0.320	0.350

☒ Special heads, accessories and special contact arrangement or particular function: please consult us.

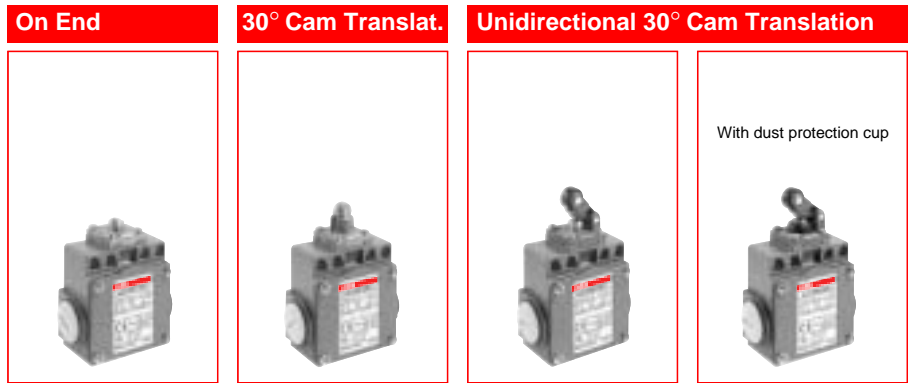
■ Closed contact / □ Open contact



LS73M... Limit Switches

Metal Casing IP66 - 60 mm Width
3 Cable Inlets M20 x 1.5 for ISO 20 Cable Gland

Movement to be detected:



Actuator

	Plain plunger	Roller plunger	Plastic roller lever on plunger	Plastic roller lever on steel plunger
Conformity / \rightarrow (N.C. contact with positive opening operation)	-	-	-	-
Maximum actuation speed	0.5 m/s	0.3 m/s	1 m/s	1 m/s
Min. force / torque: - actuation	15 N	12 N	7 N	7 N
- positive opening operation	45 N	41 N	24 N	24 N

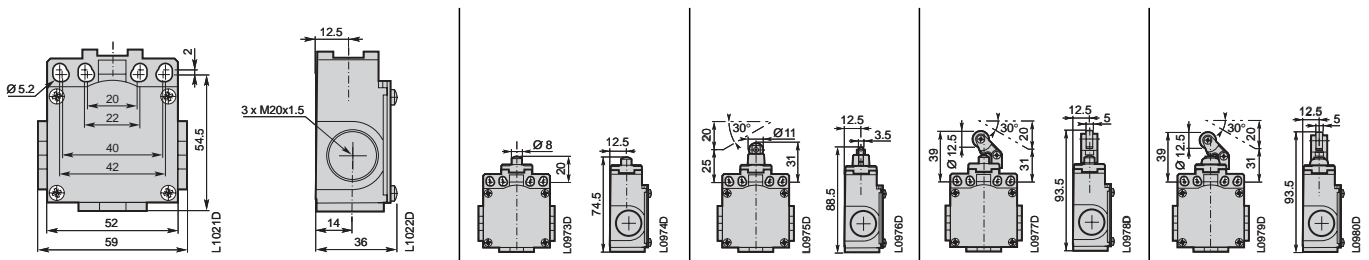
Additional Technical Data

Type and Order code to be completed with code <input type="checkbox"/>		Metal plunger 1 Plastic plunger *	Metal roller 2 Plastic roller 3	Metal plunger 1 Plastic plunger *	- -
Snap action contacts		LS73M11B11 1SBV015211R1211	LS73M1B11 1SBV01521R1211	LS73M31B11 1SBV015231R1211	LS73M35B11 1SBV015235R1211
Non-overlapping Slow action contacts		LS73M11D11 1SBV015211R1411	LS73M1D11 1SBV01521R1411	LS73M31D11 1SBV015231R1411	LS73M35D11 1SBV015235R1411
Overlapping Slow action contacts		LS73M11C11 1SBV015211R1511	LS73M1C11 1SBV01521R1511	LS73M31C11 1SBV015231R1511	LS73M35C11 1SBV015235R1511
Slow action contacts		LS73M11L02 1SBV015211R1302	LS73M1L02 1SBV01521R1302	LS73M31L02 1SBV015231R1302	LS73M35L02 1SBV015235R1302
Slow action contacts		LS73M11L20 1SBV015211R1320	LS73M1L20 1SBV01521R1320	LS73M31L20 1SBV015231R1320	LS73M35L20 1SBV015235R1320
Snap action contacts		LS73M11B02 1SBV015211R1202	LS73M1B02 1SBV01521R1202	LS73M31B02 1SBV015231R1202	LS73M35B02 1SBV015235R1202
Weight (packing per unit)	kg	0.270	0.280	0.265	0.265

Special heads, accessories and special contact arrangement or particular function: please consult us.

Closed contact / Open contact

Dimensions (in mm)



>> Description, Travel and Technical Data pages 4..11




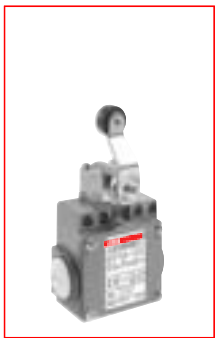


>> Accessories page 48

>> Utilization Precautions page 51

LS73M... Limit Switches

Metal Casing IP66 - 60 mm Width
3 Cable Inlets M20 x 1.5 for ISO 20 Cable Gland

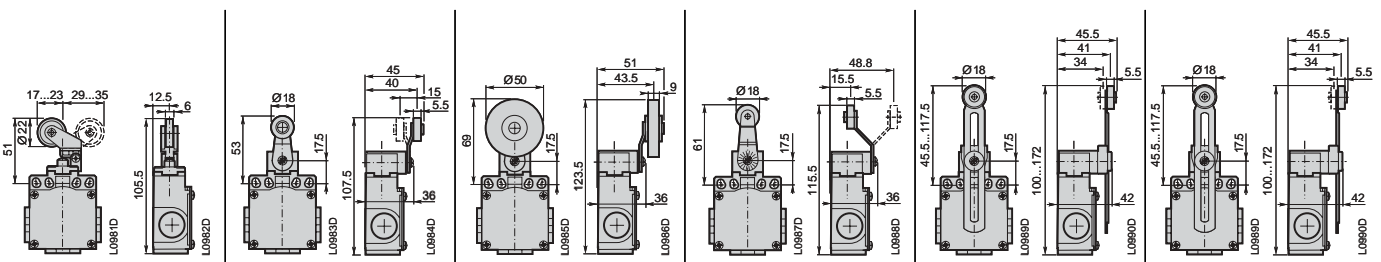
Unidirectional... 30° Cam Translation Movement

					
Adjustable plastic roller lever on plunger	ø18 roller lever	ø50 rubber roller lever	ø18 roller with bent lever	Adjustable ø18 plastic roller lever	Adjustable ø18 steel roller lever
1 m/s 7 N 24 N	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m

Metal plunger 8 Plastic plunger *	Metal roller 3 Plastic roller 1	-	Metal roller 6 Plastic roller 5	-	-
LS73M38B11 1SBV015238R1211 0 8.8 15.0 23.2 32.0 mm	LS73M4B11 1SBV01524R1211 0 17° 31° 47° 74°	LS73M42B11 1SBV015242R1211 0 17° 31° 47° 74°	LS73M4B11 1SBV01524R1211 0 17° 31° 47° 74°	LS73M51B11 1SBV015251R1211 0 17° 31° 47° 74°	LS73M53B11 1SBV015253R1211 0 17° 31° 47° 74°
LS73M38D11 1SBV015238R1411 0 10.6 18.5 32.0 mm 15.1	LS73M4D11 1SBV01524R1411 0 21° 37° 74° 30°	LS73M42D11 1SBV015242R1411 0 21° 37° 74° 30°	LS73M4D11 1SBV01524R1411 0 21° 37° 74° 30°	LS73M51D11 1SBV015251R1411 0 21° 37° 74° 30°	LS73M53D11 1SBV015253R1411 0 21° 37° 74° 30°
LS73M38C11 1SBV015238R1511 0 16.8 25.1 32.0 mm 9.4	LS73M4C11 1SBV01524R1511 0 35° 51° 74° 18°	LS73M42C11 1SBV015242R1511 0 35° 51° 74° 18°	LS73M4C11 1SBV01524R1511 0 35° 51° 74° 18°	LS73M51C11 1SBV015251R1511 0 35° 51° 74° 18°	LS73M53C11 1SBV015253R1511 0 35° 51° 74° 18°
LS73M38L02 1SBV015238R1302 0 9.6 17.8 32.0 mm	LS73M4L02 1SBV01524R1302 0 19° 37° 74°	LS73M42L02 1SBV015242R1302 0 19° 37° 74°	LS73M4L02 1SBV01524R1302 0 19° 37° 74°	LS73M51L02 1SBV015251R1302 0 19° 37° 74°	LS73M53L02 1SBV015253R1302 0 19° 37° 74°
LS73M38L20 1SBV015238R1320 0 9.2 32.0 mm	LS73M4L20 1SBV01524R1320 0 18° 74°	LS73M42L20 1SBV015242R1320 0 18° 74°	LS73M4L20 1SBV01524R1320 0 18° 74°	LS73M51L20 1SBV015251R1320 0 18° 74°	LS73M53L20 1SBV015253R1320 0 18° 74°
LS73M38B02 1SBV015238R1202 0 8.8 14.6 22.8 32.0 mm	LS73M4B02 1SBV01524R1202 0 17° 30° 46° 74°	LS73M42B02 1SBV015242R1202 0 17° 30° 46° 74°	LS73M4B02 1SBV01524R1202 0 17° 30° 46° 74°	LS73M51B02 1SBV015251R1202 0 17° 30° 46° 74°	LS73M53B02 1SBV015253R1202 0 17° 30° 46° 74°
0.270	0.325	0.345	0.340	0.340	0.345

* Special heads, accessories and special contact arrangement or particular function: please consult us.

■ Closed contact / □ Open contact



>> Description, Travel and Technical Data pages 4...11 >> Accessories page 48 >> Utilization Precautions page 51

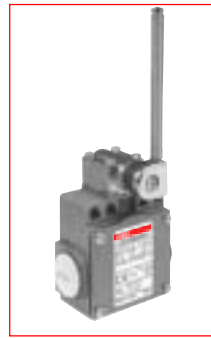
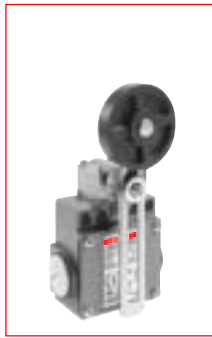
LS73M... Limit Switches

Metal Casing IP66 - 60 mm Width
3 Cable Inlets M20 x 1.5 for ISO 20 Cable Gland

Movement to be detected:

30° Cam Translat.

Fully Directional Translation Movement



Actuator

	Adjustable ø50 rubber roller lever	Flexible lever with insulated end	Coil spring lever	Adjustable ø3 rod lever
Conformity / (N.C. contact with positive opening operation)	-	-	-	-
Maximum actuation speed	1.5 m/s	1.5 m/s	1.5 m/s	1.5 m/s
Min. force / torque: - actuation	0.1 N.m	0.1 N.m	0.1 N.m	0.1 N.m
- positive opening operation	0.32 N.m	-	-	0.32 N.m

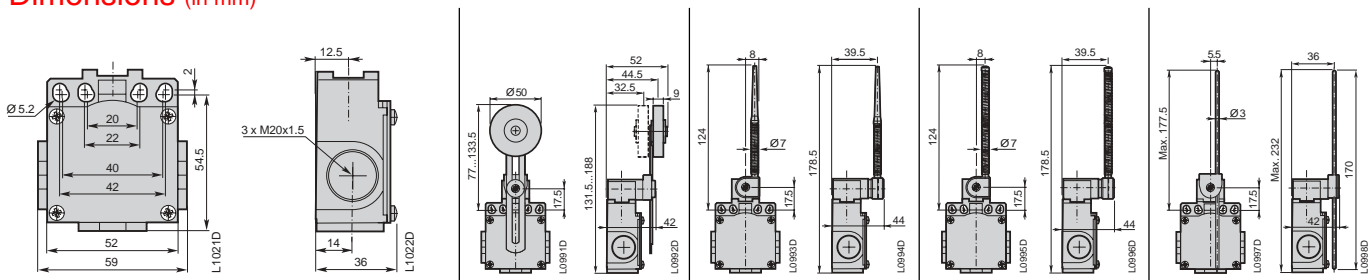
Additional Technical Data

Type and Order code to be completed with code <input type="checkbox"/>	-	-	-	Metal rod <input type="checkbox"/> 1 Fibre-glass rod <input type="checkbox"/> 2	
Snap action contacts	Type Order code	LS73M52B11 1SBV015252R1211	LS73M61B11 1SBV015261R1211	LS73M62B11 1SBV015262R1211	LS73M7 <input type="checkbox"/> B11 1SBV01527 <input type="checkbox"/> R1211
	Operation diagram				B11"/>
Non-overlapping Slow action contacts	Type Order code	LS73M52D11 1SBV015252R1411	LS73M61D11 1SBV015261R1411	LS73M62D11 1SBV015262R1411	LS73M7 <input type="checkbox"/> D11 1SBV01527 <input type="checkbox"/> R1411
	Operation diagram				D11"/>
Overlapping Slow action contacts	Type Order code	LS73M52C11 1SBV015252R1511	LS73M61C11 1SBV015261R1511	LS73M62C11 1SBV015262R1511	LS73M7 <input type="checkbox"/> C11 1SBV01527 <input type="checkbox"/> R1511
	Operation diagram				C11"/>
Slow action contacts	Type Order code	LS73M52L02 1SBV015252R1302	LS73M61L02 1SBV015261R1302	LS73M62L02 1SBV015262R1302	LS73M7 <input type="checkbox"/> L02 1SBV01527 <input type="checkbox"/> R1302
	Operation diagram				L02"/>
Slow action contacts	Type Order code	LS73M52L20 1SBV015252R1320	LS73M61L20 1SBV015261R1320	LS73M62L20 1SBV015262R1320	LS73M7 <input type="checkbox"/> L20 1SBV01527 <input type="checkbox"/> R1320
	Operation diagram				L20"/>
Snap action contacts	Type Order code	LS73M52B02 1SBV015252R1202	LS73M61B02 1SBV015261R1202	LS73M62B02 1SBV015262R1202	LS73M7 <input type="checkbox"/> B02 1SBV01527 <input type="checkbox"/> R1202
	Operation diagram				B02"/>
Weight (packing per unit)	kg	0.355	0.375	0.380	0.380

Special heads, accessories and special contact arrangement or particular function: please consult us.

Closed contact / Open contact

Dimensions (in mm)



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LS73M... Limit Switches

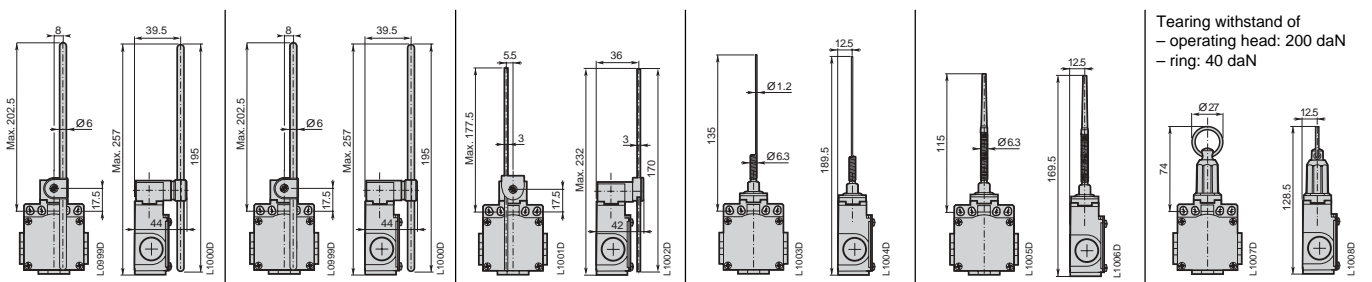
Metal Casing IP66 - 60 mm Width
3 Cable Inlets M20 x 1.5 for ISO 20 Cable Gland

Fully Directional Translation Movement			Multidirectional		Pull Action
Adjustable ø6 polyamide rod lever	Adjustable ø6 fibre-glass rod lever	Adjustable 3 square steel rod lever	Spring rod	Flexible rod with insulated end	Pull action with ring
1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1 m/s 0.12 N.m	1 m/s 0.12 N.m	0.5 m/s 30 N

LS73M73B11 1SBV015273R1211	LS73M74B11 1SBV015274R1211	LS73M78B11 1SBV015278R1211	LS73M91B11 1SBV015291R1211	LS73M92B11 1SBV015292R1211	LS73M98B11-A 1SBV015298R1211
LS73M73D11 1SBV015273R1411	LS73M74D11 1SBV015274R1411	LS73M78D11 1SBV015278R1411	LS73M91D11 1SBV015291R1411	LS73M92D11 1SBV015292R1411	LS73M98D11-A 1SBV015298R1411
LS73M73C11 1SBV015273R1511	LS73M74C11 1SBV015274R1511	LS73M78C11 1SBV015278R1511	LS73M91C11 1SBV015291R1511	LS73M92C11 1SBV015292R1511	
LS73M73L02 1SBV015273R1302	LS73M74L02 1SBV015274R1302	LS73M78L02 1SBV015278R1302	LS73M91L02 1SBV015291R1302	LS73M92L02 1SBV015292R1302	LS73M98L02-A 1SBV015298R1302
LS73M73L20 1SBV015273R1320	LS73M74L20 1SBV015274R1320	LS73M78L20 1SBV015278R1320	LS73M91L20 1SBV015291R1320	LS73M92L20 1SBV015292R1320	LS73M98L20-A 1SBV015298R1320
LS73M73B02 1SBV015273R1202	LS73M74B02 1SBV015274R1202	LS73M78B02 1SBV015278R1202	LS73M91B02 1SBV015291R1202	LS73M92B02 1SBV015292R1202	
0.390	0.390	0.375	0.315	0.320	0.350

☒ Special heads, accessories and special contact arrangement or particular function: please consult us.

■ Closed contact / □ Open contact



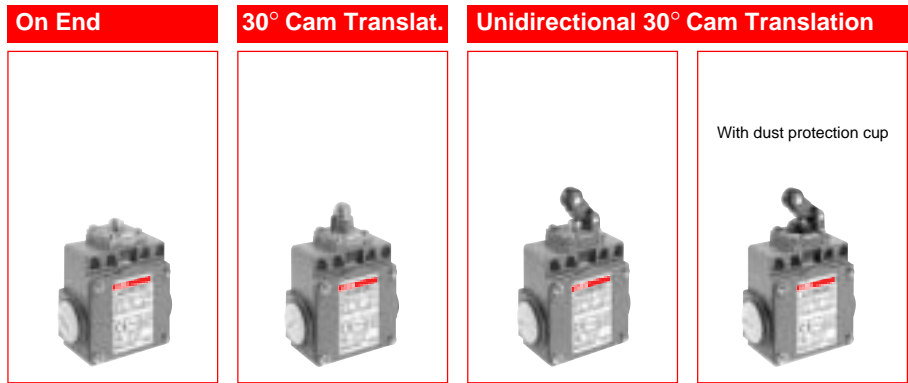
Tearing withstand of
- operating head: 200 daN
- ring: 40 daN

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LS75M... Limit Switches

Metal Casing IP66 - 60 mm Width
3 Cable Inlets for 1/2" NPT Cable Gland

Movement to be detected:



Actuator

	Plain plunger	Roller plunger	Plastic roller lever on plunger	Plastic roller lever on steel plunger
Conformity / \rightarrow (N.C. contact with positive opening operation)	-	-	-	-
Maximum actuation speed	0.5 m/s	0.3 m/s	1 m/s	1 m/s
Min. force / torque: - actuation	15 N	12 N	7 N	7 N
- positive opening operation	45 N	41 N	24 N	24 N

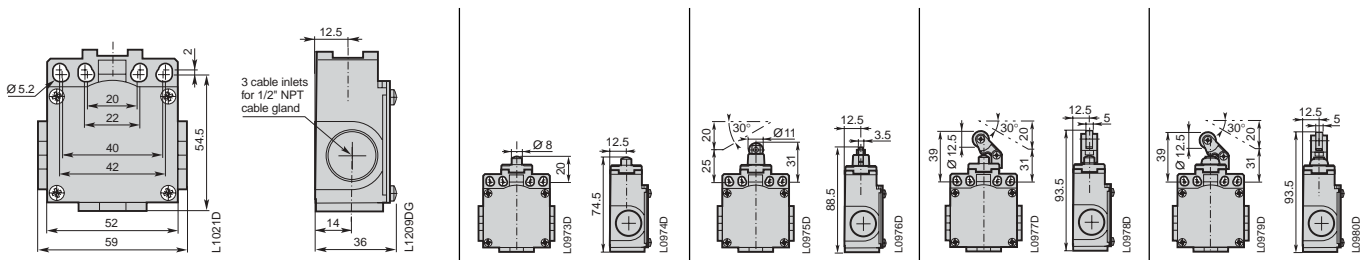
Additional Technical Data

Type and Order code to be completed with code <input type="checkbox"/>		Metal plunger 1 Plastic plunger *	Metal roller 2 Plastic roller 3	Metal plunger 1 Plastic plunger *	-
Snap action contacts	Type Order code	LS75M11B11 1SBV015111R1211	LS75M1B11 1SBV01511R1211	LS75M31B11 1SBV015131R1211	LS75M35B11 1SBV015135R1211
	Operation diagram				
Non-overlapping Slow action contacts	Type Order code	LS75M11D11 1SBV015111R1411	LS75M1D11 1SBV01511R1411	LS75M31D11 1SBV015131R1411	LS75M35D11 1SBV015135R1411
	Operation diagram				
Overlapping Slow action contacts	Type Order code	LS75M11C11 1SBV015111R1511	LS75M1C11 1SBV01511R1511	LS75M31C11 1SBV015131R1511	LS75M35C11 1SBV015135R1511
	Operation diagram				
Slow action contacts	Type Order code	LS75M11L02 1SBV015111R1302	LS75M1L02 1SBV01511R1302	LS75M31L02 1SBV015131R1302	LS75M35L02 1SBV015135R1302
	Operation diagram				
Slow action contacts	Type Order code	LS75M11L20 1SBV015111R1320	LS75M1L20 1SBV01511R1320	LS75M31L20 1SBV015131R1320	LS75M35L20 1SBV015135R1320
	Operation diagram				
Snap action contacts	Type Order code	LS75M11B02 1SBV015111R1202	LS75M1B02 1SBV01511R1202	LS75M31B02 1SBV015131R1202	LS75M35B02 1SBV015135R1202
	Operation diagram				
Weight (packing per unit)	kg	0.270	0.280	0.265	0.265

Special heads, accessories and special contact arrangement or particular function: please consult us.

Closed contact / Open contact

Dimensions (in mm)



>> Description, Travel and Technical Data pages 4..11





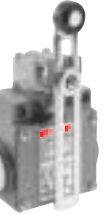

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>> Utilization Precautions page 51

LS75M... Limit Switches

Metal Casing IP66 - 60 mm Width
3 Cable Inlets for 1/2" NPT Cable Gland

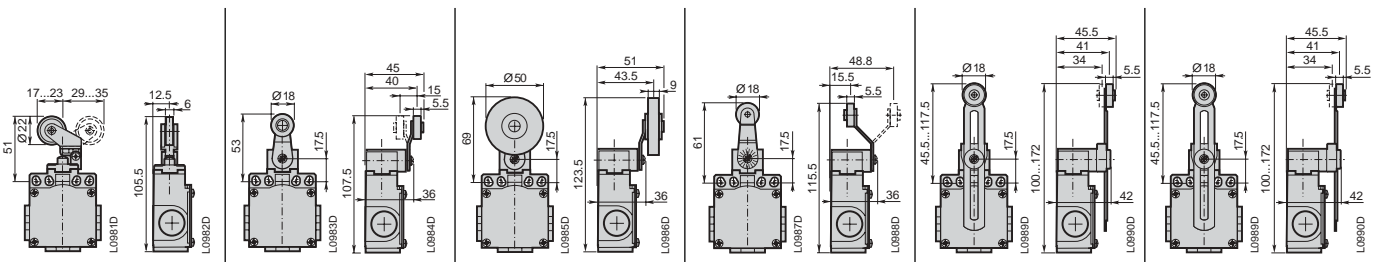
Unidirectional... 30° Cam Translation Movement

					
Adjustable plastic roller lever on plunger	ø18 roller lever	ø50 rubber roller lever	ø18 roller with bent lever	Adjustable ø18 plastic roller lever	Adjustable ø18 steel roller lever
1 m/s 7 N 24 N	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m

Metal plunger 8 Plastic plunger *	Metal roller 3 Plastic roller 1	-	Metal roller 6 Plastic roller 5	-	-
LS75M38B11 1SBV015138R1211 0 8.8 15.0 23.2 32.0 mm	LS75M4B11 1SBV01514B11R1211 0 17° 31° 47° 74°	LS75M42B11 1SBV015142R1211 0 17° 31° 47° 74°	LS75M4B11 1SBV01514B11R1211 0 17° 31° 47° 74°	LS75M51B11 1SBV015151R1211 0 17° 31° 47° 74°	LS75M53B11 1SBV015153R1211 0 17° 31° 47° 74°
LS75M38D11 1SBV015138R1411 0 10.6 18.5 32.0 mm 15.1	LS75M4D11 1SBV01514D11R1411 0 21° 37° 74° 30°	LS75M42D11 1SBV015142R1411 0 21° 37° 74° 30°	LS75M4D11 1SBV01514D11R1411 0 21° 37° 74° 30°	LS75M51D11 1SBV015151R1411 0 21° 37° 74° 30°	LS75M53D11 1SBV015153R1411 0 21° 37° 74° 30°
LS75M38C11 1SBV015138R1511 0 16.8 25.1 32.0 mm 9.4	LS75M4C11 1SBV01514C11R1511 0 35° 51° 74° 18°	LS75M42C11 1SBV015142R1511 0 35° 51° 74° 18°	LS75M4C11 1SBV01514C11R1511 0 35° 51° 74° 18°	LS75M51C11 1SBV015151R1511 0 35° 51° 74° 18°	LS75M53C11 1SBV015153R1511 0 35° 51° 74° 18°
LS75M38L02 1SBV015138R1302 0 9.6 17.8 32.0 mm 11-12 21-22	LS75M4L02 1SBV01514L02R1302 0 19° 37° 74°	LS75M42L02 1SBV015142R1302 0 19° 37° 74°	LS75M4L02 1SBV01514L02R1302 0 19° 37° 74°	LS75M51L02 1SBV015151R1302 0 19° 37° 74°	LS75M53L02 1SBV015153R1302 0 19° 37° 74°
LS75M38L20 1SBV015138R1320 0 9.2 32.0 mm 13-14 23-24	LS75M4L20 1SBV01514L20R1320 0 18° 74°	LS75M42L20 1SBV015142R1320 0 18° 74°	LS75M4L20 1SBV01514L20R1320 0 18° 74°	LS75M51L20 1SBV015151R1320 0 18° 74°	LS75M53L20 1SBV015153R1320 0 18° 74°
LS75M38B02 1SBV015138R1202 0 8.8 14.6 22.8 32.0 mm 11-12 21-22	LS75M4B02 1SBV01514B02R1202 0 17° 30° 46° 74°	LS75M42B02 1SBV015142R1202 0 17° 30° 46° 74°	LS75M4B02 1SBV01514B02R1202 0 17° 30° 46° 74°	LS75M51B02 1SBV015151R1202 0 17° 30° 46° 74°	LS75M53B02 1SBV015153R1202 0 17° 30° 46° 74°
0.270	0.325	0.345	0.340	0.340	0.345

* Special heads, accessories and special contact arrangement or particular function: please consult us.

■ Closed contact / □ Open contact



LS75M... Limit Switches

Metal Casing IP66 - 60 mm Width
3 Cable Inlets for 1/2" NPT Cable Gland

Movement to be detected:



Actuator

	Adjustable ø50 rubber roller lever	Flexible lever with insulated end	Coil spring lever	Adjustable ø3 rod lever
Conformity / \odot (N.C. contact with positive opening operation)	-	-	-	-
Maximum actuation speed	1.5 m/s	1.5 m/s	1.5 m/s	1.5 m/s
Min. force / torque: - actuation	0.1 N.m	0.1 N.m	0.1 N.m	0.1 N.m
- positive opening operation	0.32 N.m	-	-	0.32 N.m

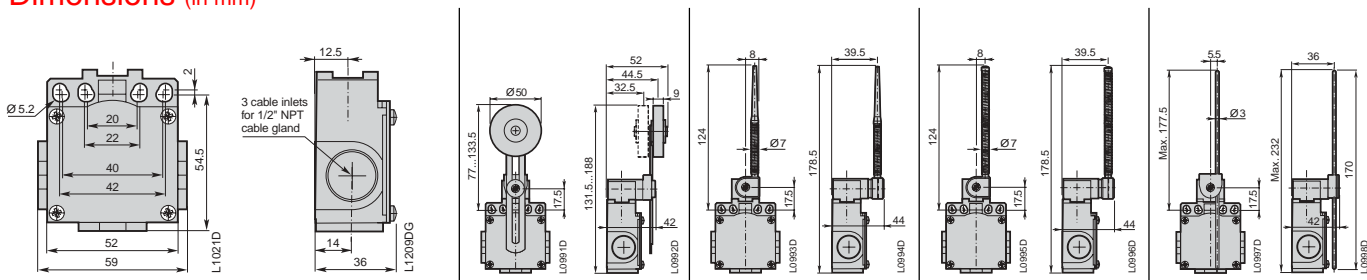
Additional Technical Data

Type and Order code to be completed with code <input type="checkbox"/>	-	-	-	Metal rod <input type="checkbox"/> 1 Fibre-glass rod <input type="checkbox"/> 2	
Snap action contacts	Type Order code	LS75M52B11 1SBV015152R1211	LS75M61B11 1SBV015161R1211	LS75M62B11 1SBV015162R1211	LS75M7 <input type="checkbox"/> B11 1SBV01517 <input type="checkbox"/> R1211
	Operation diagram				B11"/>
Non-overlapping Slow action contacts	Type Order code	LS75M52D11 1SBV015152R1411	LS75M61D11 1SBV015161R1411	LS75M62D11 1SBV015162R1411	LS75M7 <input type="checkbox"/> D11 1SBV01517 <input type="checkbox"/> R1411
	Operation diagram				D11"/>
Overlapping Slow action contacts	Type Order code	LS75M52C11 1SBV015152R1511	LS75M61C11 1SBV015161R1511	LS75M62C11 1SBV015162R1511	LS75M7 <input type="checkbox"/> C11 1SBV01517 <input type="checkbox"/> R1511
	Operation diagram				C11"/>
Slow action contacts	Type Order code	LS75M52L02 1SBV015152R1302	LS75M61L02 1SBV015161R1302	LS75M62L02 1SBV015162R1302	LS75M7 <input type="checkbox"/> L02 1SBV01517 <input type="checkbox"/> R1302
	Operation diagram				L02"/>
Slow action contacts	Type Order code	LS75M52L20 1SBV015152R1320	LS75M61L20 1SBV015161R1320	LS75M62L20 1SBV015162R1320	LS75M7 <input type="checkbox"/> L20 1SBV01517 <input type="checkbox"/> R1320
	Operation diagram				L20"/>
Snap action contacts	Type Order code	LS75M52B02 1SBV015152R1202	LS75M61B02 1SBV015161R1202	LS75M62B02 1SBV015162R1202	LS75M7 <input type="checkbox"/> B02 1SBV01517 <input type="checkbox"/> R1202
	Operation diagram				B02"/>
Weight (packing per unit)	kg	0.355	0.375	0.380	0.380

Special heads, accessories and special contact arrangement or particular function: please consult us.

Closed contact / Open contact

Dimensions (in mm)



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>> Utilization Precautions page 51

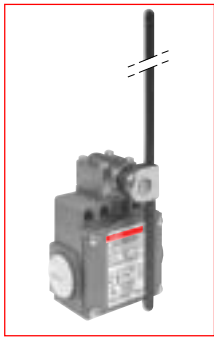
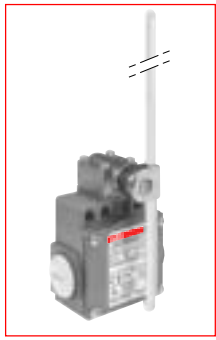
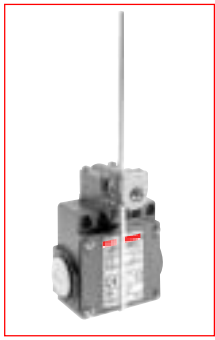
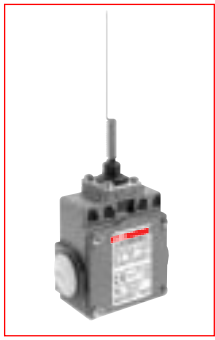


LS75M... Limit Switches

Metal Casing IP66 - 60 mm Width
3 Cable Inlets for 1/2" NPT Cable Gland

Fully Directional Translation Movement

Multidirectional

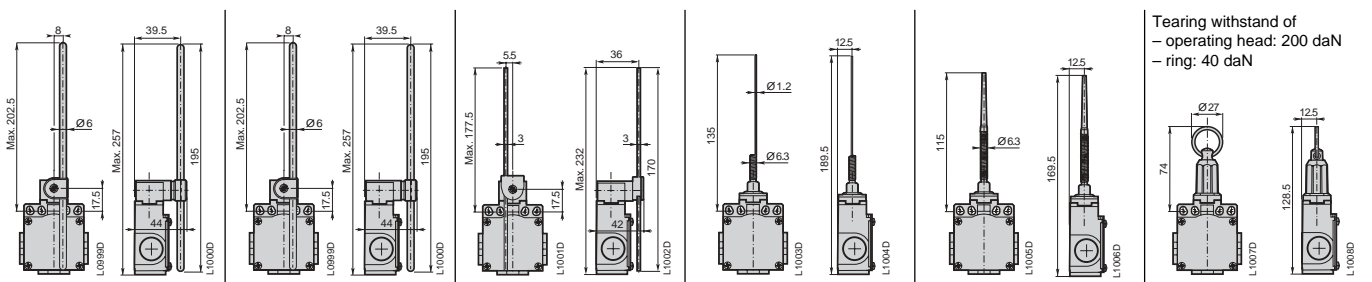
Pull Action

					
Adjustable ø6 polyamide rod lever	Adjustable ø6 fibre-glass rod lever	Adjustable 3 square steel rod lever	Spring rod	Flexible rod with insulated end	Pull action with ring
1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1 m/s 0.12 N.m	1 m/s 0.12 N.m	0.5 m/s 30 N

LS75M73B11 1SBV015173R1211	LS75M74B11 1SBV015174R1211	LS75M78B11 1SBV015178R1211	LS75M91B11 1SBV015191R1211	LS75M92B11 1SBV015192R1211	LS75M98B11-A 1SBV015198R1211
0 17° 31° 47° 74°	0 17° 31° 47° 74°	0 17° 31° 47° 74°	0 12° 23° 36°	0 12° 23° 36°	0 0.9 2.0 5.6 mm
LS75M73D11 1SBV015173R1411	LS75M74D11 1SBV015174R1411	LS75M78D11 1SBV015178R1411	LS75M91D11 1SBV015191R1411	LS75M92D11 1SBV015192R1411	LS75M98D11-A 1SBV015198R1411
0 21° 37° 74°	0 21° 37° 74°	0 21° 37° 74°	0 14° 36°	0 14° 36°	0 1.0 5.6 mm
LS75M73C11 1SBV015173R1511	LS75M74C11 1SBV015174R1511	LS75M78C11 1SBV015178R1511	LS75M91C11 1SBV015191R1511	LS75M92C11 1SBV015192R1511	
0 35° 51° 74°	0 35° 51° 74°	0 35° 51° 74°	0 25° 36°	0 25° 36°	
LS75M73L02 1SBV015173R1302	LS75M74L02 1SBV015174R1302	LS75M78L02 1SBV015178R1302	LS75M91L02 1SBV015191R1302	LS75M92L02 1SBV015192R1302	LS75M98L02-A 1SBV015198R1302
0 19° 37° 74°	0 19° 37° 74°	0 19° 37° 74°	0 14° 36°	0 14° 36°	0 2.0 5.6 mm
LS75M73L20 1SBV015173R1320	LS75M74L20 1SBV015174R1320	LS75M78L20 1SBV015178R1320	LS75M91L20 1SBV015191R1320	LS75M92L20 1SBV015192R1320	LS75M98L20-A 1SBV015198R1320
0 18° 74°	0 18° 74°	0 18° 74°	0 13° 36°	0 13° 36°	0 1.8 5.6 mm
LS75M73B02 1SBV015173R1202	LS75M74B02 1SBV015174R1202	LS75M78B02 1SBV015178R1202	LS75M91B02 1SBV015191R1202	LS75M92B02 1SBV015192R1202	
0 17° 30° 46° 74°	0 17° 30° 46° 74°	0 17° 30° 46° 74°	0 12° 22° 36°	0 12° 22° 36°	
0.390	0.390	0.375	0.315	0.320	0.350

Special heads, accessories and special contact arrangement or particular function: please consult us.

Closed contact / Open contact



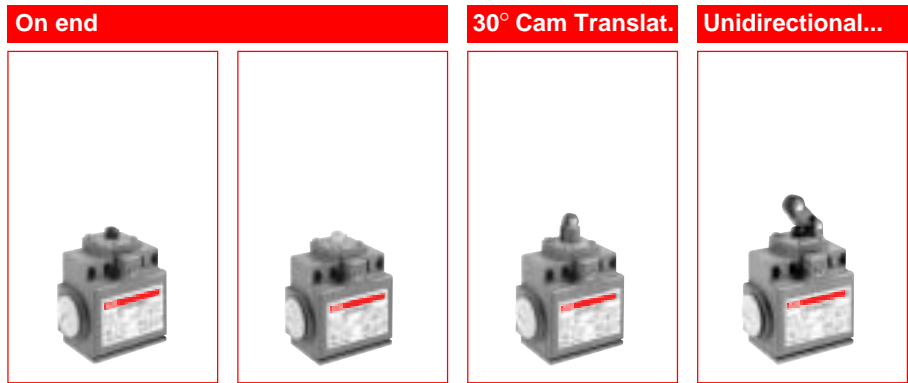
Tearing withstand of operating head: 200 daN
ring: 40 daN

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LS72P... Limit Switches

Double Insulation - Plastic Casing IP65 - 60 mm Width
2 Cable Inlets M16 x 1.5 for ISO 16 Cable Gland

Movement to be detected:



Actuator

	Plastic plain plunger	Steel plain plunger	Roller plunger	Plastic roller lever on plastic plunger
Conformity / \odot (N.C. contact with positive opening operation)	-	-	-	-
Maximum actuation speed	0.5 m/s	0.5 m/s	0.3 m/s	1 m/s
Min. force / torque: - actuation	15 N	15 N	12 N	7 N
- positive opening operation	45 N	45 N	41 N	24 N

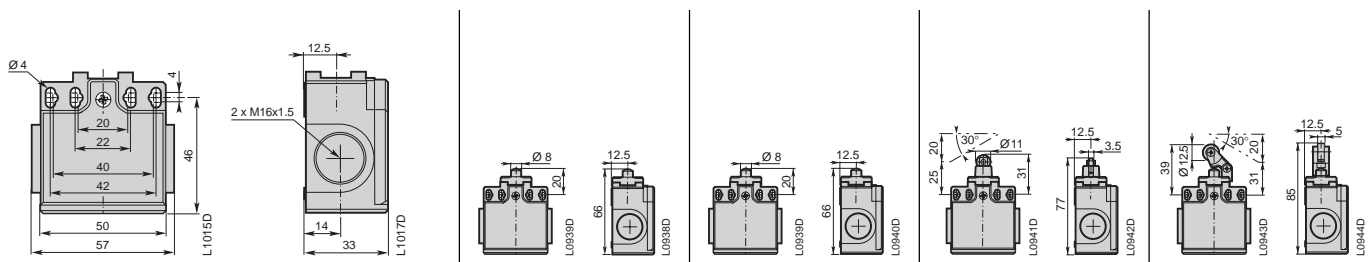
Additional Technical Data

Type and Order code to be completed with code <input type="checkbox"/>	-	-	Metal roller <input type="checkbox"/> 2 Plastic roller <input type="checkbox"/> 3	-
Snap action contacts	LS72P10B11 1SBV011010R1211	LS72P11B11 1SBV011011R1211	LS72P1 <input type="checkbox"/> B11 1SBV01101 <input type="checkbox"/> R1211	LS72P30B11 1SBV011030R1211
	Operation diagram	Operation diagram	Operation diagram	Operation diagram
Non-overlapping Slow action contacts	LS72P10D11 1SBV011010R1411	LS72P11D11 1SBV011011R1411	LS72P1 <input type="checkbox"/> D11 1SBV01101 <input type="checkbox"/> R1411	LS72P30D11 1SBV011030R1411
	Operation diagram	Operation diagram	Operation diagram	Operation diagram
Overlapping Slow action contacts	LS72P10C11 1SBV011010R1511	LS72P11C11 1SBV011011R1511	LS72P1 <input type="checkbox"/> C11 1SBV01101 <input type="checkbox"/> R1511	LS72P30C11 1SBV 011030R1511
	Operation diagram	Operation diagram	Operation diagram	Operation diagram
Slow action contacts	LS72P10L02 1SBV011010R1302	LS72P11L02 1SBV011011R1302	LS72P1 <input type="checkbox"/> L02 1SBV01101 <input type="checkbox"/> R1302	LS72P30L02 1SBV011030R1302
	Operation diagram	Operation diagram	Operation diagram	Operation diagram
Slow action contacts	LS72P10L20 1SBV011010R1320	LS72P11L20 1SBV011011R1320	LS72P1 <input type="checkbox"/> L20 1SBV01101 <input type="checkbox"/> R1320	LS72P30L20 1SBV011030R1320
	Operation diagram	Operation diagram	Operation diagram	Operation diagram
Snap action contacts	LS72P10B02 1SBV011010R1202	LS72P11B02 1SBV011011R1202	LS72P1 <input type="checkbox"/> B02 1SBV01101 <input type="checkbox"/> R1202	LS72P30B02 1SBV011030R1202
	Operation diagram	Operation diagram	Operation diagram	Operation diagram
Weight (packing per unit)	kg 0.095	0.100	0.105	0.100

Special heads, accessories and special contact arrangement or particular function: please consult us.

Closed contact / Open contact

Dimensions (in mm)



>> Description, Travel and Technical Data pages 4..11

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>> Utilization Precautions page 51















LS72P... Limit Switches


Double Insulation - Plastic Casing IP65 - 60 mm Width
2 Cable Inlets M16 x 1.5 for ISO 16 Cable Gland



Unidirectional 30° Cam Translation Movement

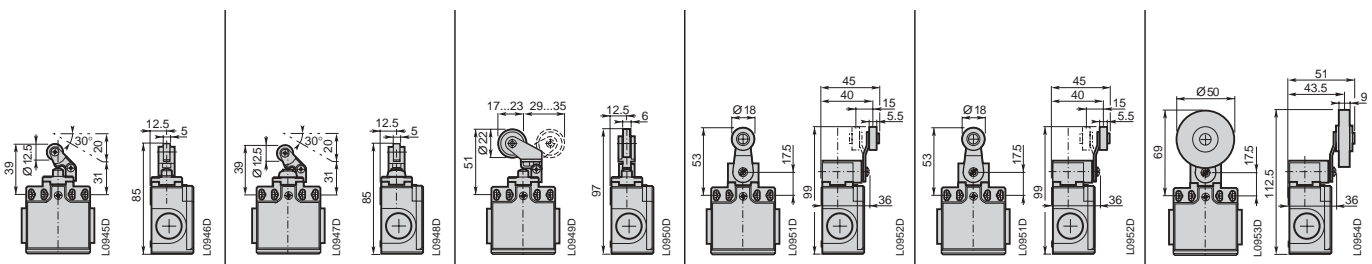
30° Cam Translation Movement

					
Plastic roller lever on steel plunger	Plastic roller lever on steel plunger With dust protection cup	Adjustable plastic roller lever on plunger	ø18 plastic roller lever	ø18 steel roller lever	ø50 rubber roller lever
1 m/s 7 N 24 N	1 m/s 7 N 24 N	1 m/s 7 N 24 N	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m

-		Metal plunger 		-		-	
-		Plastic plunger 		-		-	
LS72P31B11 1SBV011031R1211	LS72P35B11 1SBV 011035R1211	LS72P3B11 1SBV 01103  R1211	LS72P41B11 1SBV011041R1211	LS72P43B11 1SBV011043R1211	LS72P42B11 1SBV011042R1211		
0 4.9 9.0 14.5 21.0 mm	0 4.9 9.0 14.5 21.0 mm	0 8.8 15.0 23.2 32.0 mm	0 17° 31° 47° 74°	0 17° 31° 47° 74°	0 17° 31° 47° 74°		
21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14		
LS72P31D11 1SBV011031R1411	LS72P35D11 1SBV011035R1411	LS72P3D11 1SBV01103  R1411	LS72P41D11 1SBV011041R1411	LS72P43D11 1SBV011043R1411	LS72P42D11 1SBV011042R1411		
0 6.0 10.5 21.0 mm	0 6.0 10.5 21.0 mm	0 10.6 18.5 32.0 mm	0 21° 37° 74°	0 21° 37° 74°	0 21° 37° 74°		
21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14		
LS72P31C11 1SBV011031R1511	LS72P35C11 1SBV011035R1511	LS72P3C11 1SBV01103  R1511	LS72P41C11 1SBV011041R1511	LS72P43C11 1SBV011043R1511	LS72P42C11 1SBV011042R1511		
0 10.2 14.6 21.0 mm	0 10.2 14.6 21.0 mm	0 16.8 25.1 32.0 mm	0 35° 51° 74°	0 35° 51° 74°	0 35° 51° 74°		
21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14		
LS72P31L02 1SBV011031R1302	LS72P35L02 1SBV011035R1302	LS72P3L02 1SBV01103  R1302	LS72P41L02 1SBV011041R1302	LS72P43L02 1SBV011043R1302	LS72P42L02 1SBV011042R1302		
0 5.7 10.2 21.0 mm	0 5.7 10.2 21.0 mm	0 9.6 17.8 32.0 mm	0 19° 37° 74°	0 19° 37° 74°	0 19° 37° 74°		
11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22		
LS72P31L20 1SBV011031R1320	LS72P35L20 1SBV011035R1320	LS72P3L20 1SBV01103  R1320	LS72P41L20 1SBV011041R1320	LS72P43L20 1SBV011043R1320	LS72P42L20 1SBV011042R1320		
0 5.3 21.0 mm	0 5.3 21.0 mm	0 9.2 32.0 mm	0 18° 74°	0 18° 74°	0 18° 74°		
13-14 23-24	13-14 23-24	13-14 23-24	13-14 23-24	13-14 23-24	13-14 23-24		
LS72P31B02 1SBV011031R1202	LS72P35B02 1SBV 011035R1202	LS72P3B02 1SBV01103  R1202	LS72P41B02 1SBV011041R1202	LS72P43B02 1SBV011043R1202	LS72P42B02 1SBV011042R1202		
0 5.1 8.6 13.1 21.0 mm	0 5.1 8.6 13.1 21.0 mm	0 8.8 14.6 22.8 32.0 mm	0 17° 30° 46° 74°	0 17° 30° 46° 74°	0 17° 30° 46° 74°		
11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22		
0.105	0.105	0.110	0.130	0.135	0.145		

 Special heads, accessories and special contact arrangement or particular function: please consult us.

 Closed contact /  Open contact



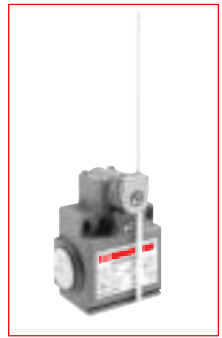
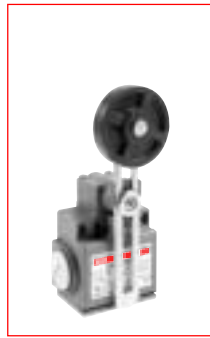
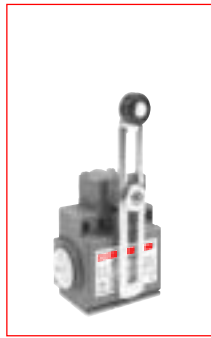
LS72P... Limit Switches

Double Insulation - Plastic Casing IP65 - 60 mm Width
2 Cable Inlets M16 x 1.5 for ISO 16 Cable Gland

Movement to be detected:

30° Cam Translation Movement

Fully Directional...



Actuator

	ø18 roller with bent lever	Adjustable ø18 roller lever	Adjustable ø50 rubber roller lever	Adjustable ø3 rod lever
Conformity / (N.C. contact with positive opening operation)	–	–	–	–
Maximum actuation speed	1.5 m/s	1.5 m/s	1.5 m/s	1.5 m/s
Min. force / torque: - actuation	0.1 N.m	0.1 N.m	0.1 N.m	0.1 N.m
- positive opening operation	0.32 N.m	0.32 N.m	0.32 N.m	0.32 N.m

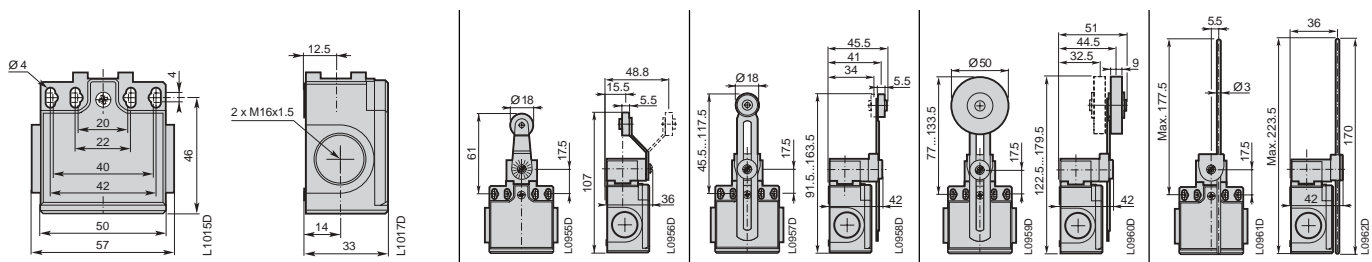
Additional Technical Data

Type and Order code to be completed with code <input type="checkbox"/>		Metal roller <input type="checkbox"/> Plastic roller <input type="checkbox"/>	Metal roller <input type="checkbox"/> Plastic roller <input type="checkbox"/>	–	Metal rod <input type="checkbox"/> Fibre-glass rod <input type="checkbox"/>
Snap action contacts	Type Order code	LS72P4 <input type="checkbox"/> B11 1SBV01104 <input type="checkbox"/> R1211	LS72P5 <input type="checkbox"/> B11 1SBV01105 <input type="checkbox"/> R1211	LS72P52B11 1SBV011052R1211	LS72P7 <input type="checkbox"/> B11 1SBV01107 <input type="checkbox"/> R1211
13) 21) Zb 14) 22)	Operation diagram	0 17° 31° 47° 74° 21-22 13-14	0 17° 31° 47° 74° 21-22 13-14	0 17° 31° 47° 74° 21-22 13-14	0 17° 31° 47° 74° 21-22 13-14
Non-overlapping Slow action contacts	Type Order code	LS72P4 <input type="checkbox"/> D11 1SBV01104 <input type="checkbox"/> R1411	LS72P5 <input type="checkbox"/> D11 1SBV01105 <input type="checkbox"/> R1411	LS72P52D11 1SBV011052R1411	LS72P7 <input type="checkbox"/> D11 1SBV01107 <input type="checkbox"/> R1411
13) 21) Zb 14) 22)	Operation diagram	0 21° 37° 74° 21-22 13-14 30°	0 21° 37° 74° 21-22 13-14 30°	0 21° 37° 74° 21-22 13-14 30°	0 21° 37° 74° 21-22 13-14 30°
Overlapping Slow action contacts	Type Order code	LS72P4 <input type="checkbox"/> C11 1SBV01104 <input type="checkbox"/> R1511	LS72P5 <input type="checkbox"/> C11 1SBV01105 <input type="checkbox"/> R1511	LS72P52C11 1SBV011052R1511	LS72P7 <input type="checkbox"/> C11 1SBV01107 <input type="checkbox"/> R1511
13) 21) Zb 14) 22)	Operation diagram	0 35° 51° 74° 21-22 13-14 18°	0 35° 51° 74° 21-22 13-14 18°	0 35° 51° 74° 21-22 13-14 18°	0 35° 51° 74° 21-22 13-14 18°
Slow action contacts	Type Order code	LS72P4 <input type="checkbox"/> L02 1SBV01104 <input type="checkbox"/> R1302	LS72P5 <input type="checkbox"/> L02 1SBV01105 <input type="checkbox"/> R1302	LS72P52L02 1SBV011052R1302	LS72P7 <input type="checkbox"/> L02 1SBV01107 <input type="checkbox"/> R1302
11) 21) Zb 12) 22)	Operation diagram	0 19° 37° 74° 11-12 21-22	0 19° 37° 74° 11-12 21-22	0 19° 37° 74° 11-12 21-22	0 19° 37° 74° 11-12 21-22
Slow action contacts	Type Order code	LS72P4 <input type="checkbox"/> L20 1SBV01104 <input type="checkbox"/> R1320	LS72P5 <input type="checkbox"/> L20 1SBV01115 <input type="checkbox"/> R1320	LS72P52L20 1SBV011052R1320	LS72P7 <input type="checkbox"/> L20 1SBV01107 <input type="checkbox"/> R1320
13) 23) Zb 14) 24)	Operation diagram	0 18° 74° 13-14 23-24	0 18° 74° 13-14 23-24	0 18° 74° 13-14 23-24	0 18° 74° 13-14 23-24
Snap action contacts	Type Order code	LS72P4 <input type="checkbox"/> B02 1SBV01104 <input type="checkbox"/> R1202	LS72P5 <input type="checkbox"/> B02 1SBV01105 <input type="checkbox"/> R1202	LS72P52B02 1SBV011052R1202	LS72P7 <input type="checkbox"/> B02 1SBV01107 <input type="checkbox"/> R1202
11) 21) Zb 12) 22)	Operation diagram	0 17° 30° 46° 74° 11-12 21-22	0 17° 30° 46° 74° 11-12 21-22	0 17° 30° 46° 74° 11-12 21-22	0 17° 30° 46° 74° 11-12 21-22
Weight (packing per unit)	kg	0.130	0.140	0.155	0.130

Special heads, accessories and special contact arrangement or particular function: please consult us.

Closed contact / Open contact

Dimensions (in mm)



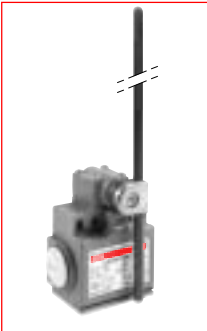
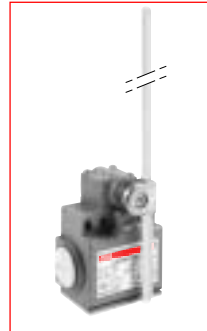
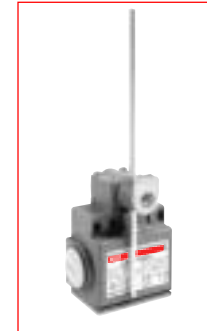
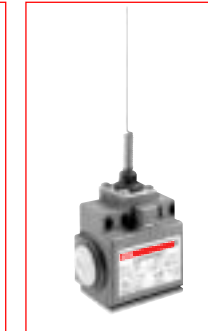
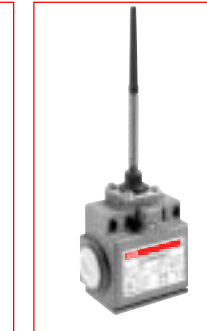
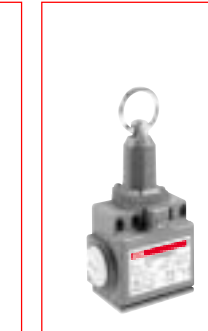
>> Description, Travel and Technical Data pages 4..11

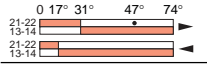
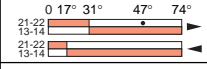
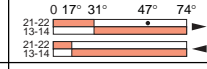
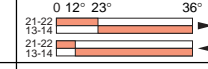
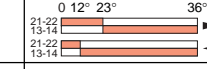
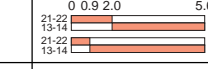
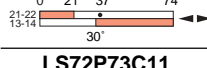
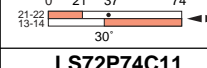
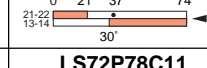
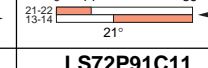
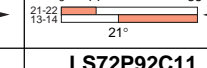
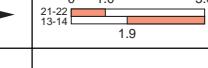
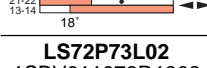
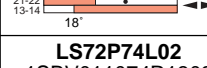
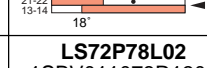
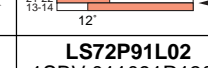
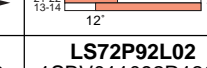
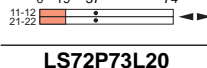


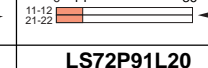
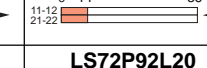

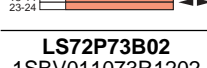
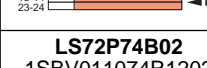
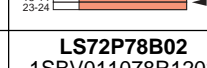
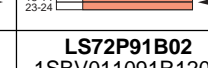
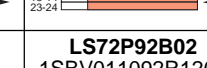

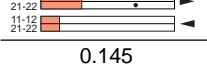
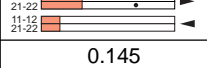
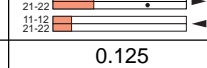
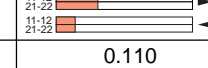
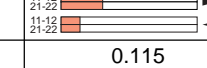
>> Accessories page 48

>> Utilization Precautions page 51

LS72P... Limit Switches

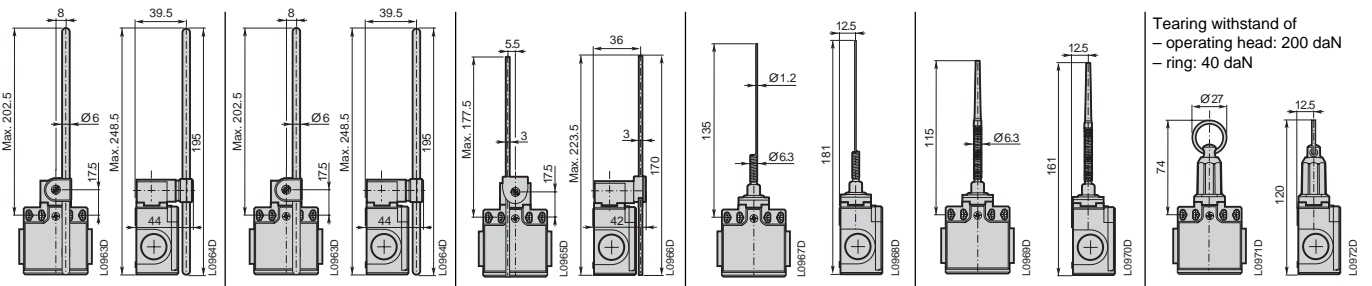
Double Insulation - Plastic Casing IP65 - 60 mm Width
2 Cable Inlets M16 x 1.5 for ISO 16 Cable Gland

Fully Directional Translation Movement			Multidirectional		Pull Action
					
Adjustable $\varnothing 6$ polyamide rod lever	Adjustable $\varnothing 6$ fibre-glass rod lever	Adjustable $\square 3$ square steel rod lever	Spring rod	Flexible rod with insulated end	Pull action with ring
1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1 m/s 0.12 N.m	1 m/s 0.12 N.m	0.5 m/s 30 N

LS72P73B11 1SBV011073R1211	LS72P74B11 1SBV011074R1211	LS72P78B11 1SBV011078R1211	LS72P91B11 1SBV011091R1211	LS72P92B11 1SBV011092R1211	LS72P98B11-A 1SBV011098R1211
					
LS72P73D11 1SBV011073R1411	LS72P74D11 1SBV011074R1411	LS72P78D11 1SBV011078R1411	LS72P91D11 1SBV011091R1411	LS72P92D11 1SBV011092R1411	LS72P98D11-A 1SBV011098R1411
					
LS72P73C11 1SBV011073R1511	LS72P74C11 1SBV011074R1511	LS72P78C11 1SBV011078R1511	LS72P91C11 1SBV011091R1511	LS72P92C11 1SBV011092R1511	
					
LS72P73L02 1SBV011073R1302	LS72P74L02 1SBV011074R1302	LS72P78L02 1SBV011078R1302	LS72P91L02 1SBV011091R1302	LS72P92L02 1SBV011092R1302	LS72P98L02-A 1SBV011098R1302
					
LS72P73L20 1SBV011073R1320	LS72P74L20 1SBV011074R1320	LS72P78L20 1SBV011078R1320	LS72P91L20 1SBV011091R1320	LS72P92L20 1SBV011092R1320	LS72P98L20-A 1SBV011098R1320
					
LS72P73B02 1SBV011073R1202	LS72P74B02 1SBV011074R1202	LS72P78B02 1SBV011078R1202	LS72P91B02 1SBV011091R1202	LS72P92B02 1SBV011092R1202	
					
0.145	0.145	0.125	0.110	0.115	0.145

☒ Special heads, accessories and special contact arrangement or particular function: please consult us.

■ Closed contact / □ Open contact



>> Description, Travel and Technical Data pages 4...11

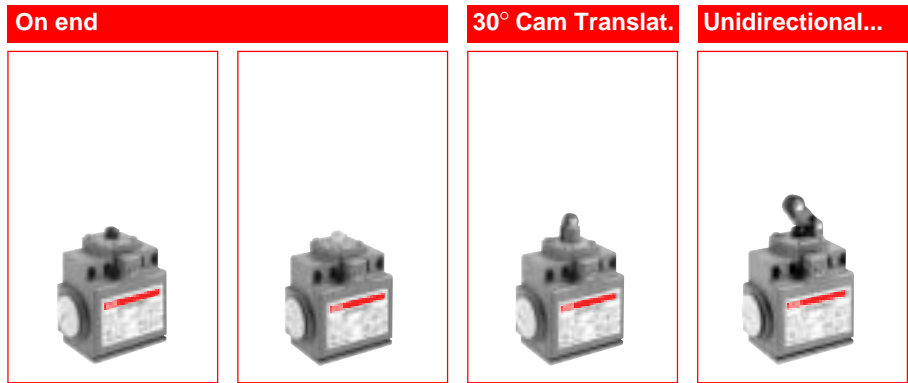
>> Accessories page 48

>> Utilization Precautions page 51

LS73P... Limit Switches

Double Insulation - Plastic Casing IP65 - 60 mm Width
2 Cable Inlets M20 x 1.5 for ISO 20 Cable Gland

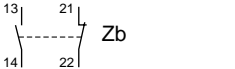


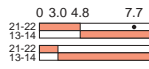
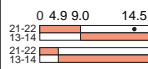
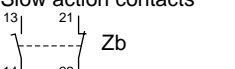

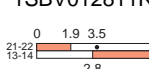
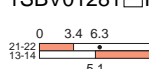
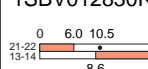
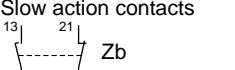

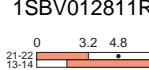
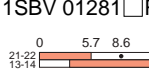
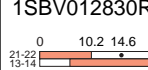
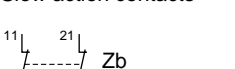

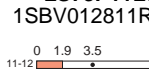
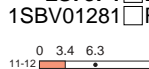
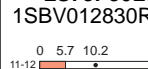
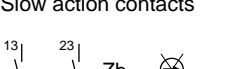

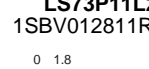
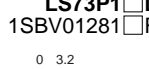
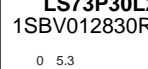
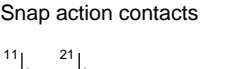




Movement to be detected:





Actuator

	Plastic plain plunger	Steel plain plunger	Roller plunger	Plastic roller lever on plastic plunger
Conformity / \ominus (N.C. contact with positive opening operation)	-	-	-	-
Maximum actuation speed	0.5 m/s	0.5 m/s	0.3 m/s	1 m/s
Min. force / torque: - actuation	15 N	15 N	12 N	7 N
- positive opening operation	45 N	45 N	41 N	24 N

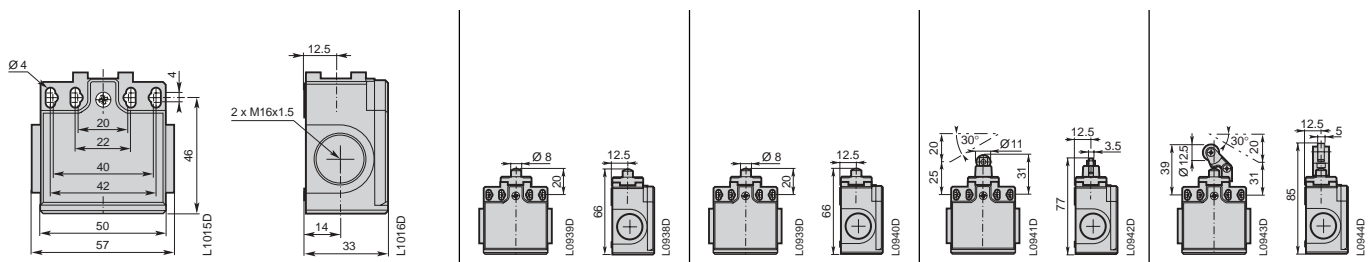
Additional Technical Data

Type and Order code to be completed with code <input type="checkbox"/>	-	-	Metal roller <input type="checkbox"/> 2 Plastic roller <input type="checkbox"/> 3	-	
Snap action contacts	Type Order code	LS73P10B11 1SBV012810R1211	LS73P11B11 1SBV012811R1211	LS73P1□B11 1SBV01281□R1211	LS73P30B11 1SBV012830R1211
	Operation diagram				
Non-overlapping Slow action contacts	Type Order code	LS73P10D11 1SBV012810R1411	LS73P11D11 1SBV012811R1411	LS73P1□D11 1SBV01281□R1411	LS73P30D11 1SBV012830R1411
	Operation diagram				
Overlapping Slow action contacts	Type Order code	LS73P10C11 1SBV012810R1511	LS73P11C11 1SBV012811R1511	LS73P1□C11 1SBV 01281□R1511	LS73P30C11 1SBV012830R1511
	Operation diagram				
Slow action contacts	Type Order code	LS73P10L02 1SBV012810R1302	LS73P11L02 1SBV012811R1302	LS73P1□L02 1SBV01281□R1302	LS73P30L02 1SBV012830R1302
	Operation diagram				
Slow action contacts	Type Order code	LS73P10L20 1SBV012810R1320	LS73P11L20 1SBV012811R1320	LS73P1□L20 1SBV01281□R1320	LS73P30L20 1SBV012830R1320
	Operation diagram				
Snap action contacts	Type Order code	LS73P10B02 1SBV012810R1202	LS73P11B02 1SBV012811R1202	LS73P1□B02 1SBV01281□R1202	LS73P30B02 1SBV012830R1202
	Operation diagram				
Weight (packing per unit)	kg	0.095	0.100	0.105	0.100

Special heads, accessories and special contact arrangement or particular function: please consult us..

 Closed contact /  Open contact

Dimensions (in mm)



>> Description, Travel and Technical Data pages 4..11

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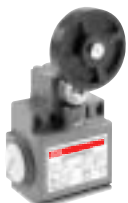
>> Utilization Precautions page 51















LS73P... Limit Switches


Double Insulation - Plastic Casing IP65 - 60 mm Width
2 Cable Inlets M20 x 1.5 for ISO 20 Cable Gland



Unidirectional 30° Cam Translation Movement

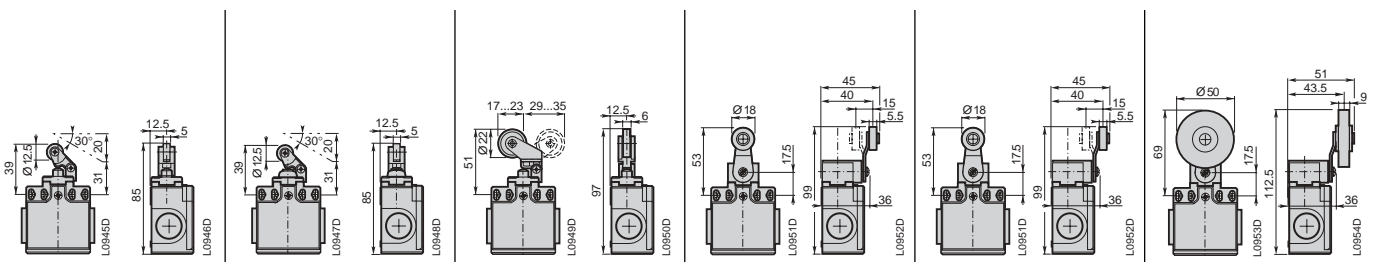
30° Cam Translation Movement

					
Plastic roller lever on steel plunger	Plastic roller lever on steel plunger With dust protection cup	Adjustable plastic roller lever on plunger	ø18 plastic roller lever	ø18 steel roller lever	ø50 rubber roller lever
1 m/s 7 N 24 N	1 m/s 7 N 24 N	1 m/s 7 N 24 N	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m

		Metal plunger 				
		Plastic plunger 				
LS73P31B11 1SBV012831R1211	LS73P35B11 1SBV012835R1211	LS73P3  B11 1SBV01283  R1211	LS73P41B11 1SBV012841R1211	LS73P43B11 1SBV012843R1211	LS73P42B11 1SBV012842R1211	
0 4.9 9.0 14.5 21.0 mm	0 4.9 9.0 14.5 21.0 mm	0 8.8 15.0 23.2 32.0 mm	0 17° 31° 47° 74°	0 17° 31° 47° 74°	0 17° 31° 47° 74°	
21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	
LS73P31D11 1SBV012831R1411	LS73P35D11 1SBV012835R1411	LS73P3  D11 1SBV01283  R1411	LS73P41D11 1SBV012841R1411	LS73P43D11 1SBV012843R1411	LS73P42D11 1SBV012842R1411	
0 6.0 10.5 21.0 mm	0 6.0 10.5 21.0 mm	0 10.6 18.5 32.0 mm	0 21° 37° 74°	0 21° 37° 74°	0 21° 37° 74°	
21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	
LS73P31C11 1SBV012831R1511	LS73P35C11 1SBV012835R1511	LS73P3  C11 1SBV01283  R1511	LS73P41C11 1SBV012841R1511	LS73P43C11 1SBV012843R1511	LS73P42C11 1SBV012842R1511	
0 10.2 14.6 21.0 mm	0 10.2 14.6 21.0 mm	0 16.8 25.1 32.0 mm	0 35° 51° 74°	0 35° 51° 74°	0 35° 51° 74°	
21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	
LS73P31L02 1SBV012831R1302	LS73P35L02 1SBV012835R1302	LS73P3  L02 1SBV01283  R1302	LS73P41L02 1SBV012841R1302	LS73P43L02 1SBV012843R1302	LS73P42L02 1SBV012842R1302	
0 5.7 10.2 21.0 mm	0 5.7 10.2 21.0 mm	0 9.6 17.8 32.0 mm	0 19° 37° 74°	0 19° 37° 74°	0 19° 37° 74°	
11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	
LS73P31L20 1SBV012831R1320	LS73P35L20 1SBV012835R1320	LS73P3  L20 1SBV01283  R1320	LS73P41L20 1SBV012841R1320	LS73P43L20 1SBV012843R1320	LS73P42L20 1SBV012842R1320	
0 5.3 21.0 mm	0 5.3 21.0 mm	0 9.2 32.0 mm	0 18° 74°	0 18° 74°	0 18° 74°	
13-14 23-24	13-14 23-24	13-14 23-24	13-14 23-24	13-14 23-24	13-14 23-24	
LS73P31B02 1SBV012831R1202	LS73P35B02 1SBV012835R1202	LS73P3  B02 1SBV01283  R1202	LS73P41B02 1SBV012841R1202	LS73P43B02 1SBV012843R1202	LS73P42B02 1SBV012842R1202	
0 5.1 8.6 13.1 21.0 mm	0 5.1 8.6 13.1 21.0 mm	0 8.8 14.6 22.8 32.0 mm	0 17° 30° 46° 74°	0 17° 30° 46° 74°	0 17° 30° 46° 74°	
11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	
0.105	0.105	0.110	0.130	0.135	0.145	

 Special heads, accessories and special contact arrangement or particular function: please consult us.

 Closed contact /  Open contact



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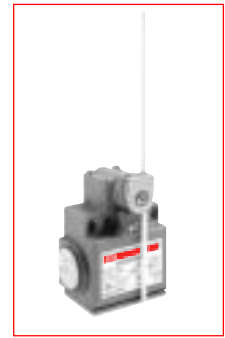
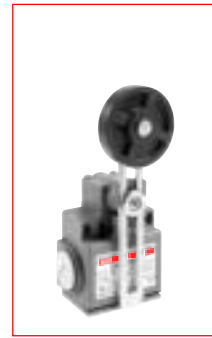
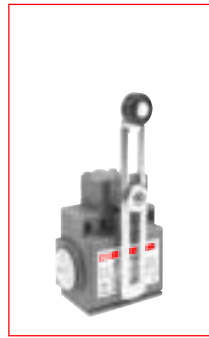
LS73P... Limit Switches

Double Insulation - Plastic Casing IP65 - 60 mm Width
2 Cable Inlets M20 x 1.5 for ISO 20 Cable Gland

Movement to be detected:

30° Cam Translation Movement

Fully Directional...



Actuator

	ø18 roller with bent lever	Adjustable ø18 roller lever	Adjustable ø50 rubber roller lever	Adjustable ø3 rod lever
Conformity / (N.C. contact with positive opening operation)	–	–	–	–
Maximum actuation speed	1.5 m/s	1.5 m/s	1.5 m/s	1.5 m/s
Min. force / torque: - actuation	0.1 N.m	0.1 N.m	0.1 N.m	0.1 N.m
- positive opening operation	0.32 N.m	0.32 N.m	0.32 N.m	0.32 N.m

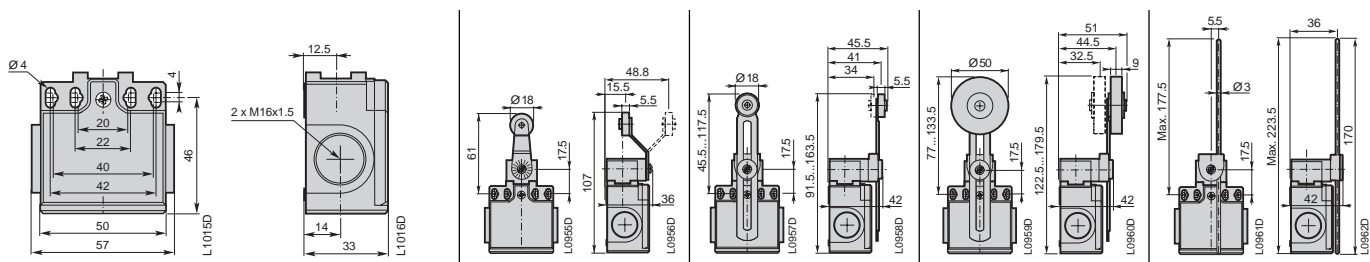
Additional Technical Data

Type and Order code to be completed with code <input type="checkbox"/>		Metal roller <input type="checkbox"/> 6 Plastic roller <input type="checkbox"/> 5	Metal roller <input type="checkbox"/> 3 Plastic roller <input type="checkbox"/> 1	–	Metal rod <input type="checkbox"/> 1 Fibre-glass rod <input type="checkbox"/> 2
Snap action contacts	Type Order code	LS73P4 <input type="checkbox"/> B11 1SBV01284 <input type="checkbox"/> R1211	LS73P5 <input type="checkbox"/> B11 1SBV01285 <input type="checkbox"/> R1211	LS73P52 B11 1SBV012852R1211	LS73P7 <input type="checkbox"/> B11 1SBV01287 <input type="checkbox"/> R1211
	Operation diagram				
Non-overlapping Slow action contacts	Type Order code	LS73P4 <input type="checkbox"/> D11 1SBV01284 <input type="checkbox"/> R1411	LS73P5 <input type="checkbox"/> D11 1SBV01285 <input type="checkbox"/> R1411	LS73P52 D11 1SBV012852R1411	LS73P7 <input type="checkbox"/> D11 1SBV01287 <input type="checkbox"/> R1411
	Operation diagram				
Overlapping Slow action contacts	Type Order code	LS73P4 <input type="checkbox"/> C11 1SBV01284 <input type="checkbox"/> R1511	LS73P5 <input type="checkbox"/> C11 1SBV01285 <input type="checkbox"/> R1511	LS73P52 C11 1SBV012852R1511	LS73P7 <input type="checkbox"/> C11 1SBV01287 <input type="checkbox"/> R1511
	Operation diagram				
Slow action contacts	Type Order code	LS73P4 <input type="checkbox"/> L02 1SBV01284 <input type="checkbox"/> R1302	LS73P5 <input type="checkbox"/> L02 1SBV01285 <input type="checkbox"/> R1302	LS73P52 L02 1SBV012852R1302	LS73P7 <input type="checkbox"/> L02 1SBV01287 <input type="checkbox"/> R1302
	Operation diagram				
Slow action contacts	Type Order code	LS73P4 <input type="checkbox"/> L20 1SBV01284 <input type="checkbox"/> R1320	LS73P5 <input type="checkbox"/> L20 1SBV01285 <input type="checkbox"/> R1320	LS73P52 L20 1SBV012852R1320	LS73P7 <input type="checkbox"/> L20 1SBV01287 <input type="checkbox"/> R1320
	Operation diagram				
Snap action contacts	Type Order code	LS73P4 <input type="checkbox"/> B02 1SBV01284 <input type="checkbox"/> R1202	LS73P5 <input type="checkbox"/> B02 1SBV01285 <input type="checkbox"/> R1202	LS73P52 B02 1SBV012852R1202	LS73P7 <input type="checkbox"/> B02 1SBV01287 <input type="checkbox"/> R1202
	Operation diagram				
Weight (packing per unit)	kg	0.130	0.140	0.155	0.130

Special heads, accessories and special contact arrangement or particular function: please consult us.

Closed contact / Open contact

Dimensions (in mm)



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LS73P... Limit Switches

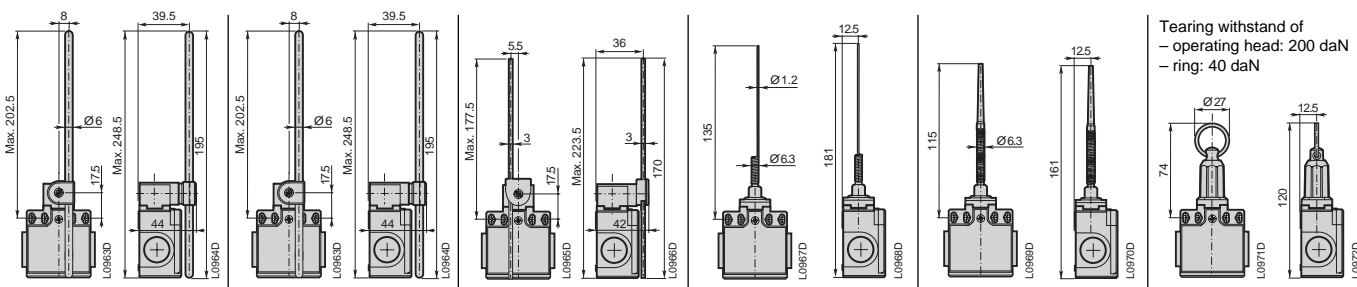
Double Insulation - Plastic Casing IP65 - 60 mm Width
2 Cable Inlets M20 x 1.5 for ISO 20 Cable Gland

Fully Directional Translation Movement			Multidirectional		Pull Action
Adjustable $\varnothing 6$ polyamide rod lever	Adjustable $\varnothing 6$ fibre-glass rod lever	Adjustable $\varnothing 3$ square steel rod lever	Spring rod	Flexible rod with insulated end	Pull action with ring
1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1 m/s 0.12 N.m	1 m/s 0.12 N.m	0.5 m/s 30 N

LS73P73B11 1SBV012873R1211	LS73P74B11 1SBV012874R1211	LS73P78B11 1SBV012878R1211	LS73P91B11 1SBV012891R1211	LS73P92B11 1SBV012892R1211	LS73P98B11-A 1SBV012898R1211
LS73P73D11 1SBV012873R1411	LS73P74D11 1SBV012874R1411	LS73P78D11 1SBV012878R1411	LS73P91D11 1SBV012891R1411	LS73P92D11 1SBV012892R1411	LS73P98D11-A 1SBV012898R1411
LS73P73C11 1SBV012873R1511	LS73P74C11 1SBV012874R1511	LS73P78C11 1SBV012878R1511	LS73P91C11 1SBV012891R1511	LS73P92C11 1SBV012892R1511	
LS73P73L02 1SBV012873R1302	LS73P74L02 1SBV012874R1302	LS73P78L02 1SBV012878R1302	LS73P91L02 1SBV012891R1302	LS73P92L02 1SBV012892R1302	LS73P98L02-A 1SBV012898R1302
LS73P73L20 1SBV012873R1320	LS73P74L20 1SBV012874R1320	LS73P78L20 1SBV012878R1320	LS73P91L20 1SBV012891R1320	LS73P92L20 1SBV012892R1320	LS73P98L20-A 1SBV012898R1320
LS73P73B02 1SBV012873R1202	LS73P74B02 1SBV012874R1202	LS73P78B02 1SBV012878R1202	LS73P91B02 1SBV012891R1202	LS73P92B02 1SBV012892R1202	
0.145	0.145	0.125	0.110	0.115	0.145

☒ Special heads, accessories and special contact arrangement or particular function: please consult us.

■ Closed contact / □ Open contact



>> Description, Travel and Technical Data pages 4...11 >> Accessories page 48 >> Utilization Precautions page 51

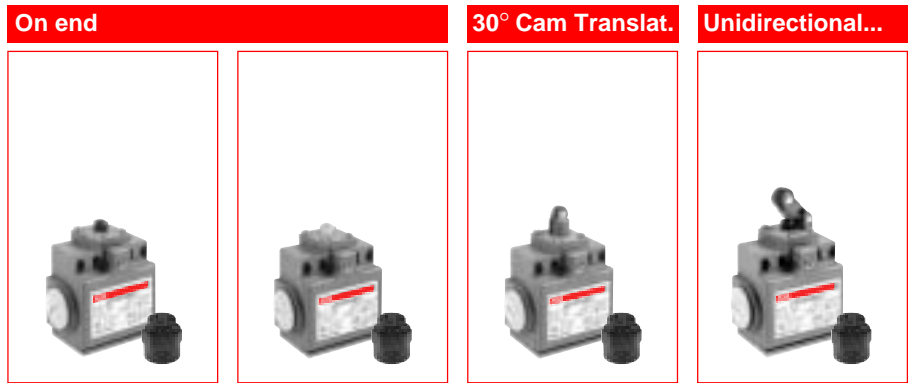
LS75P... Limit Switches

Double Insulation - Plastic Casing IP65 - 60 mm Width
2 Cable Inlets for 1/2" NPT plastic adaptor

Movement to be detected:

- 1 cable inlet by 1/2" NPT plastic adaptor (delivered not mounted), and
- 1 cable inlet Pg11 for additional 1/2" NPT plastic adaptor (on request)

1/2" NPT plastic adaptors		
LSR1305	1SBV 04 7500 R1305	1 packet of 1 piece
LSR1305	1SBV 04 7500 T1305	1 packet of 10 pieces
LSR1305	1SBV 04 7500 W1305	1 packet of 50 pieces



Actuator

	Plastic plain plunger	Steel plain plunger	Roller plunger	Plastic roller lever on plastic plunger
Conformity / \ominus (N.C. contact with positive opening operation)	-	-	-	-
Maximum actuation speed	0.5 m/s	0.5 m/s	0.3 m/s	1 m/s
Min. force / torque: - actuation	15 N	15 N	12 N	7 N
- positive opening operation	45 N	45 N	41 N	24 N

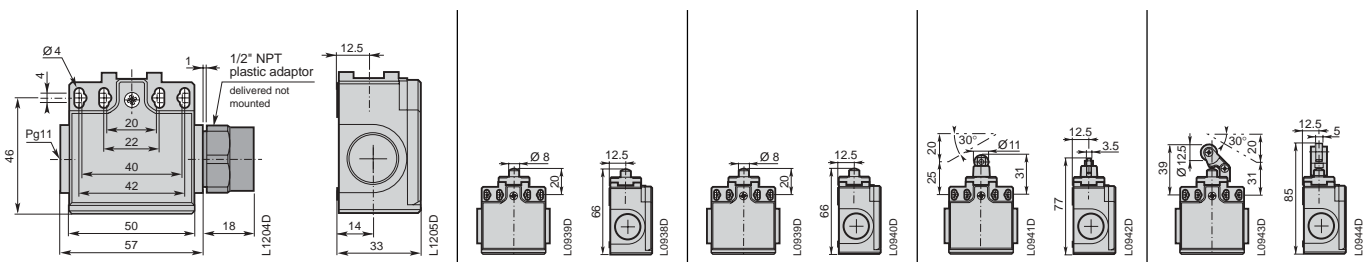
Additional Technical Data

Type and Order code to be completed with code <input type="checkbox"/>	-	-	Metal roller <input type="checkbox"/> 2 Plastic roller <input type="checkbox"/> 3	-	
Snap action contacts	Type Order code	LS75P10B11 1SBV012710R1211	LS75P11B11 1SBV012711R1211	LS75P1□B11 1SBV01271□R1211	LS75P30B11 1SBV012730R1211
	Operation diagram				
Non-overlapping Slow action contacts	Type Order code	LS75P10D11 1SBV012710R1411	LS75P11D11 1SBV012711R1411	LS75P1□D11 1SBV01271□R1411	LS75P30D11 1SBV012730R1411
	Operation diagram				
Overlapping Slow action contacts	Type Order code	LS75P10C11 1SBV012710R1511	LS75P11C11 1SBV012711R1511	LS75P1□C11 1SBV01271□R1511	LS75P30C11 1SBV012730R1511
	Operation diagram				
Slow action contacts	Type Order code	LS75P10L02 1SBV012710R1302	LS75P11L02 1SBV012711R1302	LS75P1□L02 1SBV01271□R1302	LS75P30L02 1SBV012730R1302
	Operation diagram				
Slow action contacts	Type Order code	LS75P10L20 1SBV012710R1320	LS75P11L20 1SBV012711R1320	LS75P1□L20 1SBV01271□R1320	LS75P30L20 1SBV012730R1320
	Operation diagram				
Snap action contacts	Type Order code	LS75P10B02 1SBV012710R1202	LS75P11B02 1SBV012711R1202	LS75P1□B02 1SBV01271□R1202	LS75P30B02 1SBV012730R1202
	Operation diagram				
Weight (packing per unit)	kg	0.102	0.107	0.112	0.107

Special heads, accessories and special contact arrangement or particular function: please consult us.

Closed contact / Open contact

Dimensions (in mm)






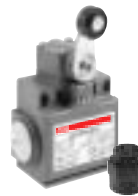
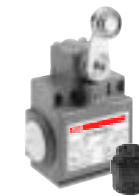

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










LS75P... Limit Switches


Double Insulation - Plastic Casing IP65 - 60 mm Width
2 Cable Inlets for 1/2" NPT plastic adaptor



Unidirectional 30° Cam Translation Movement

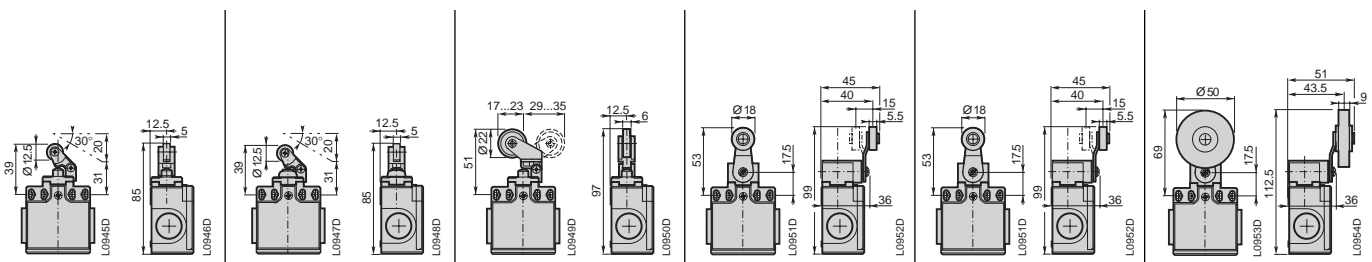
30° Cam Translation Movement

					
Plastic roller lever on steel plunger	Plastic roller lever on steel plunger With dust protection cup	Adjustable plastic roller on plunger	ø18 plastic roller lever	ø18 steel roller lever	ø50 rubber roller lever
1 m/s 7 N 24 N	1 m/s 7 N 24 N	1 m/s 7 N 24 N	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m

		Metal plunger 				
		Plastic plunger 				
LS75P31B11 1SBV012731R1211	LS75P35B11 1SBV012735R1211	LS75P3B11 1SBV01273  R1211	LS75P41B11 1SBV012741R1211	LS75P43B11 1SBV012743R1211	LS75P42B11 1SBV012742R1211	
0 4.9 9.0 14.5 21.0 mm	0 4.9 9.0 14.5 21.0 mm	0 8.8 15.0 23.2 32.0 mm	0 17° 31° 47° 74°	0 17° 31° 47° 74°	0 17° 31° 47° 74°	
21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	
LS75P31D11 1SBV012731R1411	LS75P35D11 1SBV012735R1411	LS75P3D11 1SBV01273  R1411	LS75P41D11 1SBV012741R1411	LS75P43D11 1SBV012743R1411	LS75P42D11 1SBV012742R1411	
0 6.0 10.5 21.0 mm	0 6.0 10.5 21.0 mm	0 10.6 18.5 32.0 mm	0 21° 37° 74°	0 21° 37° 74°	0 21° 37° 74°	
21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	
LS75P31C11 1SBV012731R1511	LS75P35C11 1SBV012735R1511	LS75P3C11 1SBV01273  R1511	LS75P41C11 1SBV012741R1511	LS75P43C11 1SBV012743R1511	LS75P42C11 1SBV012742R1511	
0 10.2 14.6 21.0 mm	0 10.2 14.6 21.0 mm	0 16.8 25.1 32.0 mm	0 35° 51° 74°	0 35° 51° 74°	0 35° 51° 74°	
21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	
LS75P31L02 1SBV012731R1302	LS75P35L02 1SBV012735R1302	LS75P3L02 1SBV01273  R1302	LS75P41L02 1SBV012741R1302	LS75P43L02 1SBV012743R1302	LS75P42L02 1SBV012742R1302	
0 5.7 10.2 21.0 mm	0 5.7 10.2 21.0 mm	0 9.6 17.8 32.0 mm	0 19° 37° 74°	0 19° 37° 74°	0 19° 37° 74°	
11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	
LS75P31L20 1SBV012731R1320	LS75P35L20 1SBV012735R1320	LS75P3L20 1SBV01273  R1320	LS75P41L20 1SBV012741R1320	LS75P43L20 1SBV012743R1320	LS75P42L20 1SBV012742R1320	
0 5.3 21.0 mm	0 5.3 21.0 mm	0 9.2 32.0 mm	0 18° 74°	0 18° 74°	0 18° 74°	
13-14 23-24	13-14 23-24	13-14 23-24	13-14 23-24	13-14 23-24	13-14 23-24	
LS75P31B02 1SBV012731R1202	LS75P35B02 1SBV012735R1202	LS75P3B02 1SBV01273  R1202	LS75P41B02 1SBV012741R1202	LS75P43B02 1SBV012743R1202	LS75P42B02 1SBV012742R1202	
0 5.1 8.6 13.1 21.0 mm	0 5.1 8.6 13.1 21.0 mm	0 8.8 14.6 22.8 32.0 mm	0 17° 30° 46° 74°	0 17° 30° 46° 74°	0 17° 30° 46° 74°	
11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	
0.112	0.112	0.117	0.137	0.142	0.152	

 Special heads, accessories and special contact arrangement or particular function: please consult us.

 Closed contact /  Open contact



>> Description, Travel and Technical Data pages 4...11

>> Accessories page 48

>> Utilization Precautions page 51

LS75P... Limit Switches

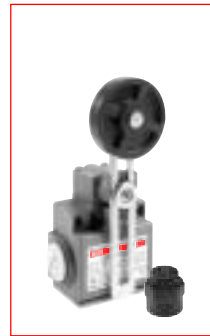
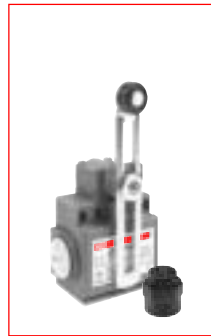
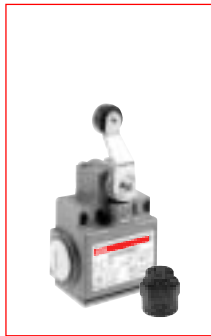
Double Insulation - Plastic Casing IP65 - 60 mm Width
2 Cable Inlets for 1/2" NPT plastic adaptor

Movement to be detected:

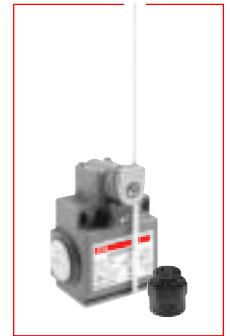
- 1 cable inlet by 1/2" NPT plastic adaptor (delivered not mounted), and
- 1 cable inlet Pg11 for additional 1/2" NPT plastic adaptor (on request)

1/2" NPT plastic adaptors		
LSR1305	1SBV 04 7500 R1305	1 packet of 1 piece
LSR1305	1SBV 04 7500 T1305	1 packet of 10 pieces
LSR1305	1SBV 04 7500 W1305	1 packet of 50 pieces

30° Cam Translation Movement



Fully Directional...



Actuator

	ø18 roller with bent lever	Adjustable ø18 roller lever	Adjustable ø50 rubber roller lever	Adjustable ø3 rod lever
Conformity / (N.C. contact with positive opening operation)	-	↔	↔	↔
Maximum actuation speed	1.5 m/s	1.5 m/s	1.5 m/s	1.5 m/s
Min. force / torque: - actuation	0.1 N.m	0.1 N.m	0.1 N.m	0.1 N.m
- positive opening operation	0.32 N.m	0.32 N.m	0.32 N.m	0.32 N.m

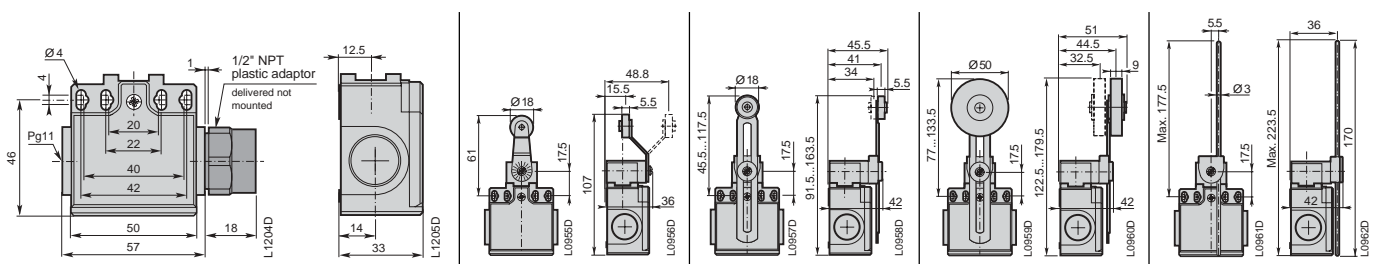
Additional Technical Data

Type and Order code to be completed with code <input type="checkbox"/>		Metal roller <input type="checkbox"/> Plastic roller <input type="checkbox"/>	Metal roller <input type="checkbox"/> Plastic roller <input type="checkbox"/>	-	Metal rod <input type="checkbox"/> Fibreglass rod <input type="checkbox"/>
Snap action contacts	Type Order code	LS75P4 <input type="checkbox"/> B11 1SBV01274 <input type="checkbox"/> R1211	LS75P5 <input type="checkbox"/> B11 1SBV01275 <input type="checkbox"/> R1211	LS75P52 B11 1SBV012752R1211	LS75P7 <input type="checkbox"/> B11 1SBV01277 <input type="checkbox"/> R1211
	Operation diagram				
Non-overlapping Slow action contacts	Type Order code	LS75P4 <input type="checkbox"/> D11 1SBV01274 <input type="checkbox"/> R1411	LS75P5 <input type="checkbox"/> D11 1SBV01275 <input type="checkbox"/> R1411	LS75P52 D11 1SBV012752R1411	LS75P7 <input type="checkbox"/> D11 1SBV01277 <input type="checkbox"/> R1411
	Operation diagram				
Overlapping Slow action contacts	Type Order code	LS75P4 <input type="checkbox"/> C11 1SBV01274 <input type="checkbox"/> R1511	LS75P5 <input type="checkbox"/> C11 1SBV01275 <input type="checkbox"/> R1511	LS75P52 C11 1SBV012752R1511	LS75P7 <input type="checkbox"/> C11 1SBV01277 <input type="checkbox"/> R1511
	Operation diagram				
Slow action contacts	Type Order code	LS75P4 <input type="checkbox"/> L02 1SBV01274 <input type="checkbox"/> R1302	LS75P5 <input type="checkbox"/> L02 1SBV01275 <input type="checkbox"/> R1302	LS75P52 L02 1SBV012752R1302	LS75P7 <input type="checkbox"/> L02 1SBV01277 <input type="checkbox"/> R1302
	Operation diagram				
Slow action contacts	Type Order code	LS75P4 <input type="checkbox"/> L20 1SBV01274 <input type="checkbox"/> R1320	LS75P5 <input type="checkbox"/> L20 1SBV01275 <input type="checkbox"/> R1320	LS75P52 L20 1SBV012752R1320	LS75P7 <input type="checkbox"/> L20 1SBV01277 <input type="checkbox"/> R1320
	Operation diagram				
Snap action contacts	Type Order code	LS75P4 <input type="checkbox"/> B02 1SBV01274 <input type="checkbox"/> R1202	LS75P5 <input type="checkbox"/> B02 1SBV01275 <input type="checkbox"/> R1202	LS75P52 B02 1SBV012752R1202	LS75P7 <input type="checkbox"/> B02 1SBV01277 <input type="checkbox"/> R1202
	Operation diagram				
Weight (packing per unit)	kg	0.137	0.147	0.162	0.137

Special heads, accessories and special contact arrangement or particular function: please consult us.

Closed contact / Open contact

Dimensions (in mm)



>> Description, Travel and Technical Data pages 4...11 >> Accessories page 48 >> Utilization Precautions page 51

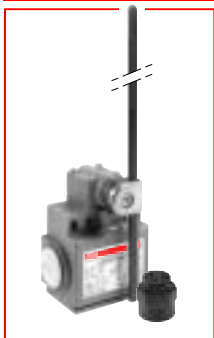
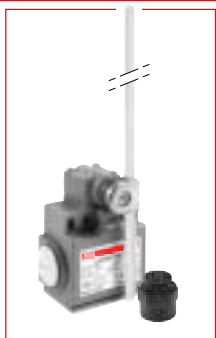
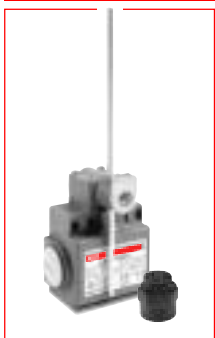
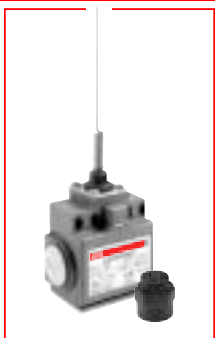


LS75P... Limit Switches

Double Insulation - Plastic Casing IP65 - 60 mm Width
2 Cable Inlets for 1/2" NPT plastic adaptor

Fully Directional Translation Movement

Multidirectional

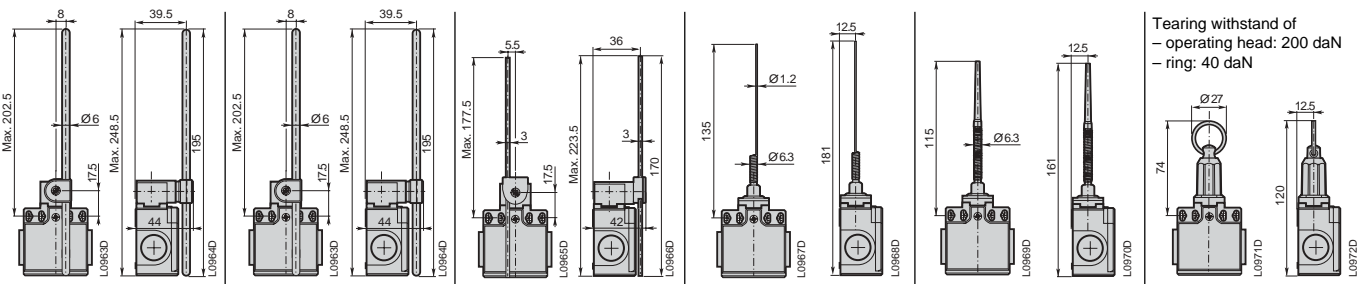
Pull Action

					
Adjustable ø6 polyamide rod lever	Adjustable ø6 fibre-glass rod lever	Adjustable 3 square steel rod lever	Spring rod	Flexible rod with insulated end	Pull action with ring
1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1.5 m/s 0.1 N.m 0.32 N.m	1 m/s 0.12 N.m	1 m/s 0.12 N.m	0.5 m/s 30 N

LS75P73B11 1SBV012773R1211	LS75P74B11 1SBV012774R1211	LS75P78B11 1SBV012778R1211	LS75P91B11 1SBV012791R1211	LS75P92B11 1SBV012792R1211	LS75P98B11-A 1SBV012798R1211
0 17° 31° 47° 74°	0 17° 31° 47° 74°	0 17° 31° 47° 74°	0 12° 23° 36°	0 12° 23° 36°	0 0.9 2.0 5.6 mm
21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14
LS75P73D11 1SBV012773R1411	LS75P74D11 1SBV012774R1411	LS75P78D11 1SBV012778R1411	LS75P91D11 1SBV012791R1411	LS75P92D11 1SBV012792R1411	LS75P98D11-A 1SBV012798R1411
0 21° 37° 74°	0 21° 37° 74°	0 21° 37° 74°	0 14° 36°	0 14° 36°	0 1.0 5.6 mm
21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14
LS75P73C11 1SBV012773R1511	LS75P74C11 1SBV012774R1511	LS75P78C11 1SBV012778R1511	LS75P91C11 1SBV012791R1511	LS75P92C11 1SBV012792R1511	
0 35° 51° 74°	0 35° 51° 74°	0 35° 51° 74°	0 25° 36°	0 25° 36°	
21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	21-22 13-14	
LS75P73L02 1SBV012773R1302	LS75P74L02 1SBV012774R1302	LS75P78L02 1SBV012778R1302	LS75P91L02 1SBV012791R1302	LS75P92L02 1SBV012792R1302	LS75P98L02-A 1SBV012798R1302
0 19° 37° 74°	0 19° 37° 74°	0 19° 37° 74°	0 14° 36°	0 14° 36°	0 2.0 5.6 mm
11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22
LS75P73L20 1SBV012773R1320	LS75P74L20 1SBV012774R1320	LS75P78L20 1SBV012778R1320	LS75P91L20 1SBV012791R1320	LS75P92L20 1SBV012792R1320	LS75P98L20-A 1SBV012798R1320
0 18° 74°	0 18° 74°	0 18° 74°	0 13° 36°	0 13° 36°	0 1.8 5.6 mm
13-14 23-24	13-14 23-24	13-14 23-24	13-14 23-24	13-14 23-24	13-14 23-24
LS75P73B02 1SBV012773R1202	LS75P74B02 1SBV012774R1202	LS75P78B02 1SBV012778R1202	LS75P91B02 1SBV012791R1202	LS75P92B02 1SBV012792R1202	
0 17° 30° 46° 74°	0 17° 30° 46° 74°	0 17° 30° 46° 74°	0 12° 22° 36°	0 12° 22° 36°	
11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	11-12 21-22	
0.152	0.152	0.132	0.117	0.122	0.152

☒ Special heads, accessories and special contact arrangement or particular function: please consult us.

■ Closed contact / □ Open contact



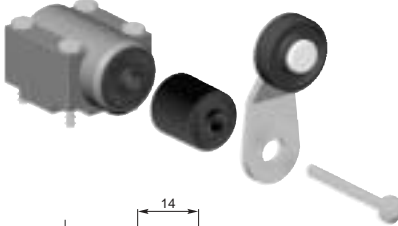
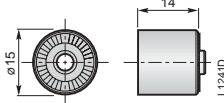
>> Description, Travel and Technical Data pages 4...11 >> Accessories page 48 >> Utilization Precautions page 51

Limit Switches Plastic and Metal Casing

Accessories

Extension piece for angular motion head

This accessory, made of polymer glass-reinforced resin, allows the lever to operate with an increased offset.

LSA70X-9004	1SBV 04 8600 R9004
LSA70X-9004	1SBV 04 8600 T9004
LSA70X-9004	1SBV 04 8600 W9004

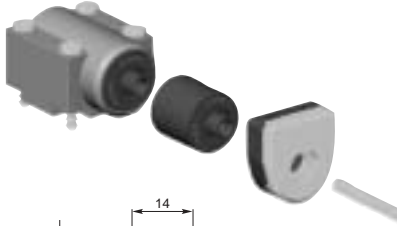
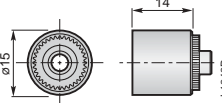
Compatible heads

P40 ... P49
M40 ... M49

P50 ... P79
M50 ... M79

In order to install this accessory
a longer screw is needed
(delivered with the extension piece)






1 piece (minimum order 10 pieces)
10 pieces (1 packet)
50 pieces (1 packet)

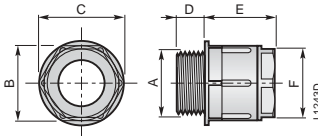
LSA70X-9005	1SBV 04 8600 R9005
LSA70X-9005	1SBV 04 8600 T9005
LSA70X-9005	1SBV 04 8600 W9005

Cable glands - Blanking plugs - Thread adaptors

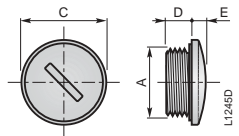
The use of the correct cable gland (or blanking plug in case of unused cable inlets) is recommended if the product is installed in an environment when a protection degree against water or dust is needed. ABB's cable glands and blanking plugs are designed to guarantee a protection degree of IP66. Thread adaptors are available request. The adaptors must always be used when a direct conduit connection to the limit switch is required. Different adaptors can be supplied upon request.

	Cable Glands - IP68	Blanking Plugs - IP66	Thread Adaptors (male/female)																																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="font-size: small;">R</td><td style="font-size: x-small;">1 piece (Min. order 10 pieces)</td></tr> <tr><td style="font-size: small;">T</td><td style="font-size: x-small;">10 pieces (1 packet)</td></tr> <tr><td style="font-size: small;">W</td><td style="font-size: x-small;">50 pieces (1 packet)</td></tr> <tr><td style="font-size: x-small;">ES</td><td style="font-size: x-small;">page ordering detail</td></tr> </table>	R	1 piece (Min. order 10 pieces)	T	10 pieces (1 packet)	W	50 pieces (1 packet)	ES	page ordering detail			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: x-small;">Plastic thread adaptor (male/female): Pg11 to 1/2" NPT</td> <td style="font-size: x-small;">Brass thread adaptor (male/female): 1/2" NPT to 1/2" NPT</td> </tr> <tr> <td colspan="2" style="text-align: center;">  </td> </tr> </table>	Plastic thread adaptor (male/female): Pg11 to 1/2" NPT	Brass thread adaptor (male/female): 1/2" NPT to 1/2" NPT																															
R	1 piece (Min. order 10 pieces)																																											
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr><th style="width: 15%;">Thread type</th><th style="width: 15%;">Type</th><th style="width: 15%;">Order code</th></tr> </thead> <tbody> <tr><td>Pg11</td><td>LSR 1101</td><td>1SBV 04 7500 □1101</td></tr> <tr><td>Pg13.5</td><td>LSR 1102</td><td>1SBV 04 7500 □1102</td></tr> <tr><td>ISO 16</td><td>LSR 1103</td><td>1SBV 04 7500 □1103</td></tr> <tr><td>ISO 20</td><td>LSR 1104</td><td>1SBV 04 7500 □1104</td></tr> <tr><td>1/2" NPT</td><td></td><td></td></tr> <tr><td>Pg11 to 1/2" NPT</td><td></td><td></td></tr> <tr><td>1/2" NPT to 1/2" NPT</td><td></td><td></td></tr> </tbody> </table>	Thread type	Type	Order code	Pg11	LSR 1101	1SBV 04 7500 □1101	Pg13.5	LSR 1102	1SBV 04 7500 □1102	ISO 16	LSR 1103	1SBV 04 7500 □1103	ISO 20	LSR 1104	1SBV 04 7500 □1104	1/2" NPT			Pg11 to 1/2" NPT			1/2" NPT to 1/2" NPT			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr><th style="width: 15%;">Type</th><th style="width: 15%;">Order code</th></tr> </thead> <tbody> <tr><td>LSR 1801</td><td>1SBV 04 7500 □1801</td></tr> <tr><td>LSR 1802</td><td>1SBV 04 7500 □1802</td></tr> <tr><td>LSR 1803</td><td>1SBV 04 7500 □1803</td></tr> <tr><td>LSR 1804</td><td>1SBV 04 7500 □1804</td></tr> <tr><td>LSR 1805</td><td>1SBV 04 7500 □1805</td></tr> </tbody> </table>	Type	Order code	LSR 1801	1SBV 04 7500 □1801	LSR 1802	1SBV 04 7500 □1802	LSR 1803	1SBV 04 7500 □1803	LSR 1804	1SBV 04 7500 □1804	LSR 1805	1SBV 04 7500 □1805	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr><th style="width: 15%;">Type</th><th style="width: 15%;">Order code</th></tr> </thead> <tbody> <tr><td>LSR 1305</td><td>1SBV 04 7500 □1305</td></tr> <tr><td>LSR 1605</td><td>1SBV 04 7500 □1605</td></tr> </tbody> </table>	Type	Order code	LSR 1305	1SBV 04 7500 □1305	LSR 1605	1SBV 04 7500 □1605
Thread type	Type	Order code																																										
Pg11	LSR 1101	1SBV 04 7500 □1101																																										
Pg13.5	LSR 1102	1SBV 04 7500 □1102																																										
ISO 16	LSR 1103	1SBV 04 7500 □1103																																										
ISO 20	LSR 1104	1SBV 04 7500 □1104																																										
1/2" NPT																																												
Pg11 to 1/2" NPT																																												
1/2" NPT to 1/2" NPT																																												
Type	Order code																																											
LSR 1801	1SBV 04 7500 □1801																																											
LSR 1802	1SBV 04 7500 □1802																																											
LSR 1803	1SBV 04 7500 □1803																																											
LSR 1804	1SBV 04 7500 □1804																																											
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Type	Order code																																											
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LSR 1605	1SBV 04 7500 □1605																																											

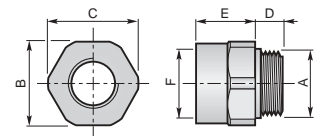
Dimensions (in mm)	A	B	C	D	E	F
Pg11	Pg11	22		10	23-28	∅ 5-10
Pg13.5	Pg13.5	24		10	24-29	∅ 6-12
ISO 16	M16x1.5	19	8	8	23-28	∅ 5-10
ISO 20	M20x1.5	25	9	9	24-29	∅ 8-13
1/2" NPT						
Pg11 to 1/2" NPT						
1/2" NPT to 1/2" NPT						



L1243D



L1245D



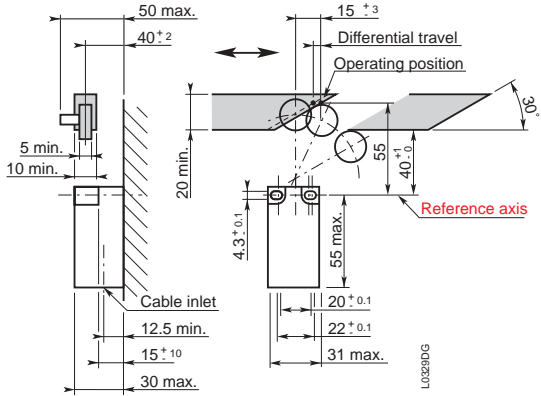
L1244D

>> Ordering details page 76

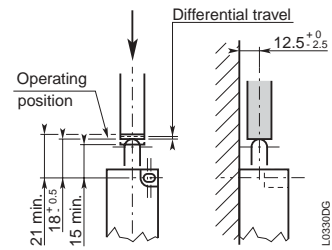
Limit Switches

EN 50047 Standard

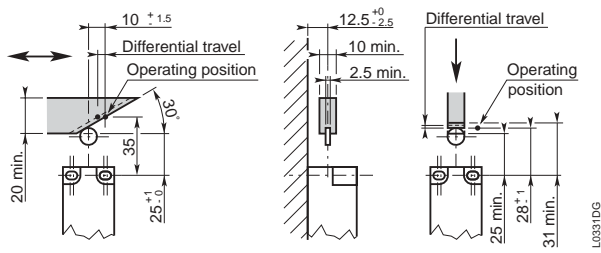
The European Committee for Electrotechnical Standardization (CENELEC), which groups together 18 European countries, publishes EN standards. The present standard defines dimensions and mechanical data for limit switches (30 x 55 mm).



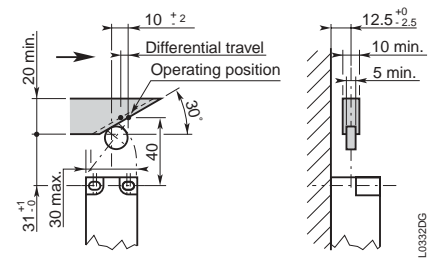
A Shape
Roller lever operating heads



B Shape
Rounded plunger operating heads



C Shape
Roller plunger operating heads



E Shape
Roller lever operating heads

LS Series Limit Switches

Terminology


Double Insulation

Class II materials, according to IEC 536, are designed with double insulation. This measure consists in doubling the functional insulation with an additional layer of insulation so as to eliminate the risk of electric shock and thus not having to protect elsewhere. No conductive part of "double insulated" material should be connected to a protective conductor.

Positive Opening Operation

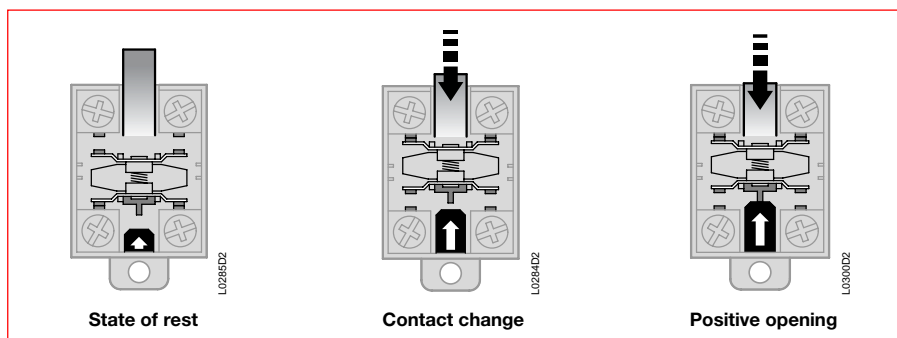
A control switch, with one or more break-contact elements, has a positive opening operation when the switch actuator ensures full contact opening of the break-contact. For the part of travel that separates the contacts, there must be a positive drive, with no resilient member (e.g. springs), between the moving contacts and the point of the actuator to which the actuating force is applied.

Control switches with positive opening operation may be provided with either snap action or slow action contact elements. To use several contacts on the same control switch with positive opening operation, they must be electrically separated from each other, if not, only one may be used.

Every control switch with positive opening operation must be indelibly marked on the outside with the symbol: .

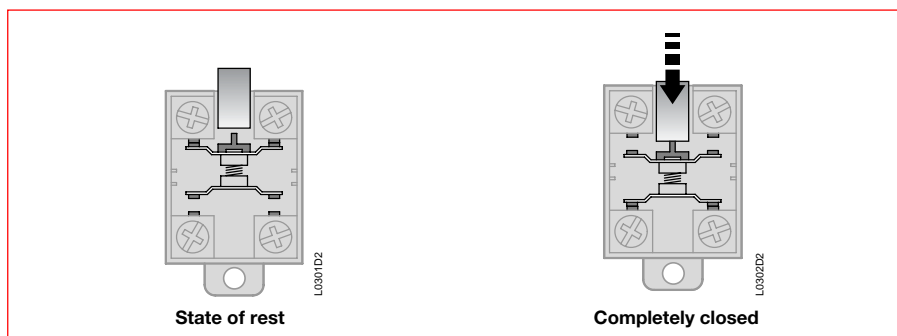
Snap Action

Snap action contacts are characterised by a release position that is distinct from the operating position (differential travel). Snap breaking of moving contacts is independent of the switch actuator's speed and contributes to regular electric performance even for slow switch actuator speeds.

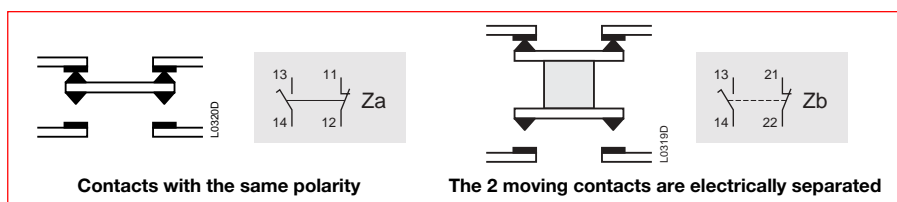


Slow Action

Slow action contacts are characterised by a release position that is the same as the operating position. The switch actuator's speed directly conditions the travel speed of contacts.



Contact shape according to IEC 60947-5-1. Change-over contact elements with 4 terminals must be indelibly marked **Za** or **Zb**. See figure opposite for contact representation.



Utilization Category

AC-15: switching of electromagnetic loads of electromagnets using an alternating current (>72 VA).
 DC-13: switching of electromagnets using a direct current.

Minimum Actuation Force / Torque

The minimum amount of force/torque that is to be applied to the switch actuator to produce a change in contact position.

Minimum Force / Torque to achieve Positive Opening Operation

The minimum amount of force/torque that is to be applied to the switch actuator to ensure positive opening operation of the N.C. contact.

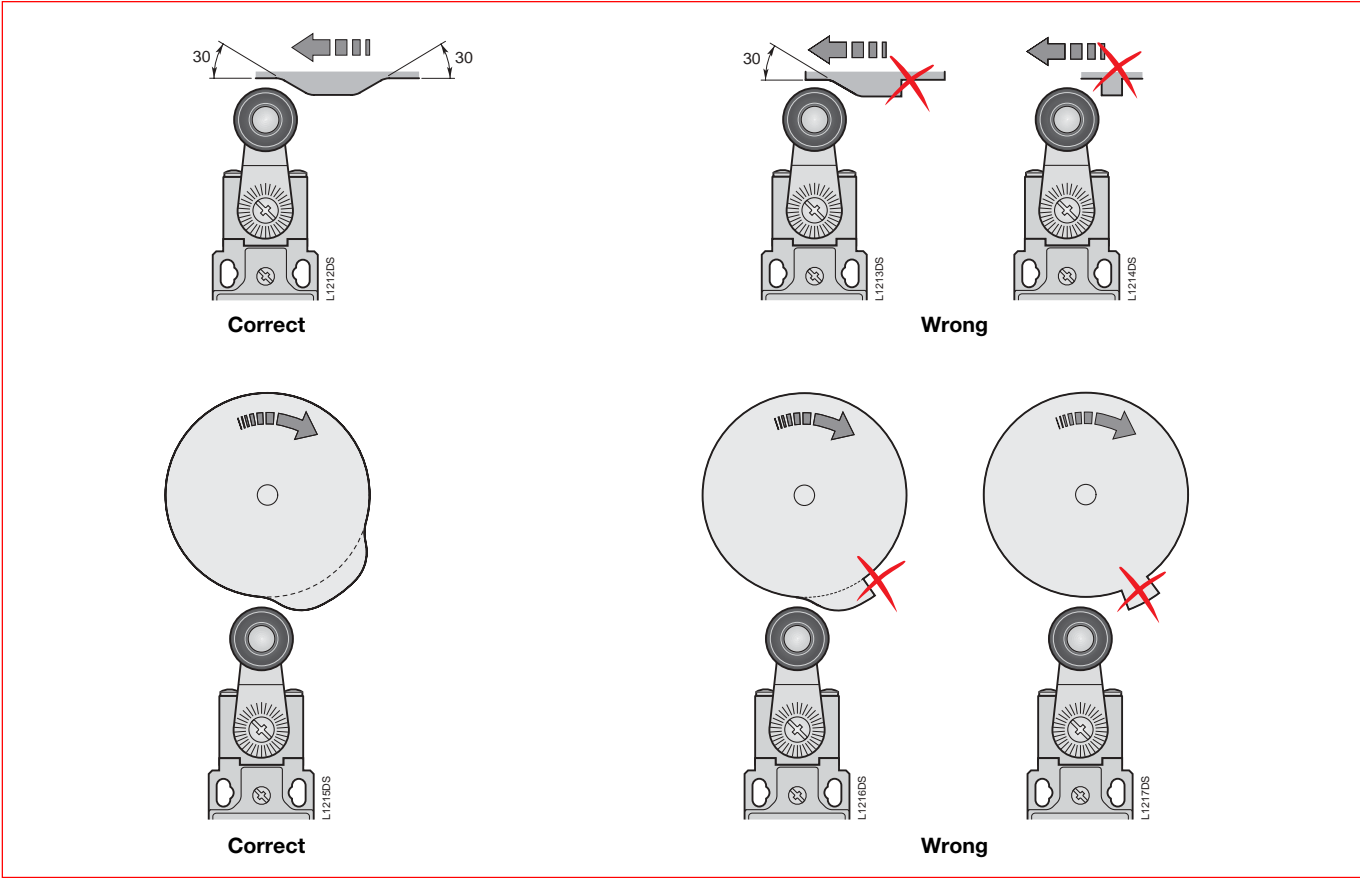
LS Series Limit Switches

Utilization precautions

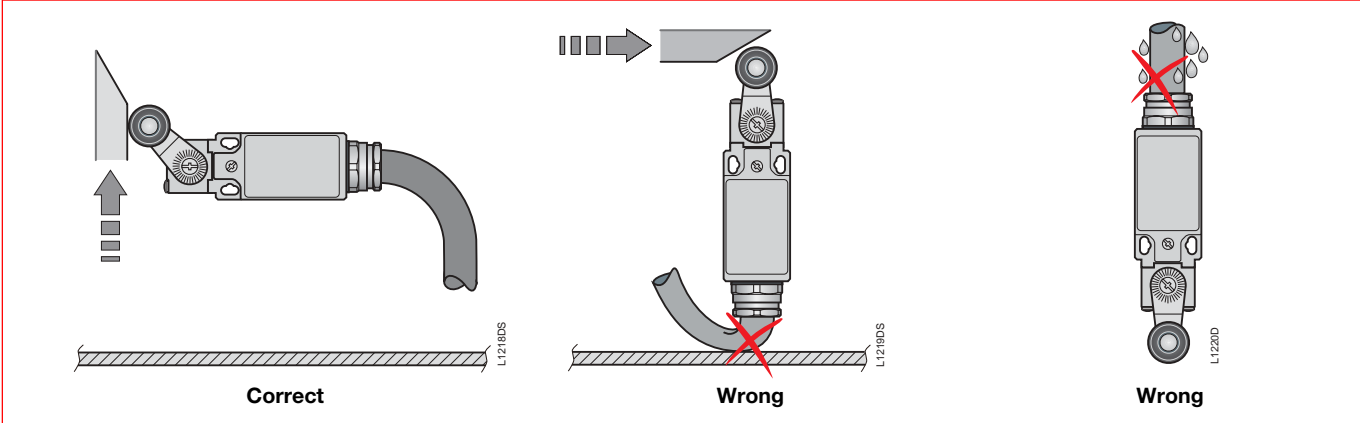
Plain plunger



Roller plunger or roller lever



Curve of connecting cable / Cable gland orientation



LS32M..., LS33M... and LS35M... Limit Switches

Metal Casing IP66 - 30 mm Width

LS32M with 1 cable inlet M16 x 1.5 for ISO 16 cable gland.
 LS33M with 1 cable inlet M20 x 1.5 for ISO 20 cable gland.
 LS35M with 1 cable inlet for 1/2" NPT cable gland.

Ordering Details

Contact blocks						Type	Order code	Unit weight kg
B11	D11	C11	L02	L20	B02			Packing

Steel plain plunger (zinc-plated)

1						LS32M11B11	1SBV 01 1911 R1211	0.180
	1					LS32M11D11	1SBV 01 1911 R1411	0.180
		1				LS32M11C11	1SBV 01 1911 R1511	0.180
			1			LS32M11L02	1SBV 01 1911 R1302	0.180
				1		LS32M11L20	1SBV 01 1911 R1320	0.180
					1	LS32M11B02	1SBV 01 1911 R1202	0.180
1						LS33M11B11	1SBV 01 3811 R1211	0.180
	1					LS33M11D11	1SBV 01 3811 R1411	0.180
		1				LS33M11C11	1SBV 01 3811 R1511	0.180
			1			LS33M11L02	1SBV 01 3811 R1302	0.180
				1		LS33M11L20	1SBV 01 3811 R1320	0.180
					1	LS33M11B02	1SBV 01 3811 R1202	0.180
1						LS35M11B11	1SBV 01 3711 R1211	0.180
	1					LS35M11D11	1SBV 01 3711 R1411	0.180
		1				LS35M11C11	1SBV 01 3711 R1511	0.180
			1			LS35M11L02	1SBV 01 3711 R1302	0.180
				1		LS35M11L20	1SBV 01 3711 R1320	0.180
					1	LS35M11B02	1SBV 01 3711 R1202	0.180

ø11 steel roller plunger (zinc-plated)

1						LS32M12B11	1SBV 01 1912 R1211	0.185
	1					LS32M12D11	1SBV 01 1912 R1411	0.185
		1				LS32M12C11	1SBV 01 1912 R1511	0.185
			1			LS32M12L02	1SBV 01 1912 R1302	0.185
				1		LS32M12L20	1SBV 01 1912 R1320	0.185
					1	LS32M12B02	1SBV 01 1912 R1202	0.185
1						LS33M12B11	1SBV 01 3812 R1211	0.185
	1					LS33M12D11	1SBV 01 3812 R1411	0.185
		1				LS33M12C11	1SBV 01 3812 R1511	0.185
			1			LS33M12L02	1SBV 01 3812 R1302	0.185
				1		LS33M12L20	1SBV 01 3812 R1320	0.185
					1	LS33M12B02	1SBV 01 3812 R1202	0.185
1						LS35M12B11	1SBV 01 3712 R1211	0.185
	1					LS35M12D11	1SBV 01 3712 R1411	0.185
		1				LS35M12C11	1SBV 01 3712 R1511	0.185
			1			LS35M12L02	1SBV 01 3712 R1302	0.185
				1		LS35M12L20	1SBV 01 3712 R1320	0.185
					1	LS35M12B02	1SBV 01 3712 R1202	0.185

ø11 plastic (polyacetal) roller plunger

1						LS32M13B11	1SBV 01 1913 R1211	0.185
	1					LS32M13D11	1SBV 01 1913 R1411	0.185
		1				LS32M13C11	1SBV 01 1913 R1511	0.185
			1			LS32M13L02	1SBV 01 1913 R1302	0.185
				1		LS32M13L20	1SBV 01 1913 R1320	0.185
					1	LS32M13B02	1SBV 01 1913 R1202	0.185
1						LS33M13B11	1SBV 01 3813 R1211	0.185
	1					LS33M13D11	1SBV 01 3813 R1411	0.185
		1				LS33M13C11	1SBV 01 3813 R1511	0.185
			1			LS33M13L02	1SBV 01 3813 R1302	0.185
				1		LS33M13L20	1SBV 01 3813 R1320	0.185
					1	LS33M13B02	1SBV 01 3813 R1202	0.185
1						LS35M13B11	1SBV 01 3713 R1211	0.185
	1					LS35M13D11	1SBV 01 3713 R1411	0.185
		1				LS35M13C11	1SBV 01 3713 R1511	0.185
			1			LS35M13L02	1SBV 01 3713 R1302	0.185
				1		LS35M13L20	1SBV 01 3713 R1320	0.185
					1	LS35M13B02	1SBV 01 3713 R1202	0.185

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>> Accessories page 76



LS32M11B11



LS32M12B11



LS32M13B11

LS32M..., LS33M... and LS35M... Limit Switches

Metal Casing IP66 - 30 mm Width

LS32M with 1 cable inlet M16 x 1.5 for ISO 16 cable gland.
 LS33M with 1 cable inlet M20 x 1.5 for ISO 20 cable gland.
 LS35M with 1 cable inlet for 1/2" NPT cable gland.

Ordering Details

Contact blocks						Type	Order code	Unit weight kg
B11	D11	C11	L02	L20	B02			Packing

Steel plain plunger (zinc-plated) with dust protection cup

1						LS32M14B11	1SBV 01 1914 R1211	0.180
	1					LS32M14D11	1SBV 01 1914 R1411	0.180
		1				LS32M14C11	1SBV 01 1914 R1511	0.180
			1			LS32M14L02	1SBV 01 1914 R1302	0.180
				1		LS32M14L20	1SBV 01 1914 R1320	0.180
					1	LS32M14B02	1SBV 01 1914 R1202	0.180
1						LS33M14B11	1SBV 01 3814 R1211	0.180
	1					LS33M14D11	1SBV 01 3814 R1411	0.180
		1				LS33M14C11	1SBV 01 3814 R1511	0.180
			1			LS33M14L02	1SBV 01 3814 R1302	0.180
				1		LS33M14L20	1SBV 01 3814 R1320	0.180
					1	LS33M14B02	1SBV 01 3814 R1202	0.180
1						LS35M14B11	1SBV 01 3714 R1211	0.180
	1					LS35M14D11	1SBV 01 3714 R1411	0.180
		1				LS35M14C11	1SBV 01 3714 R1511	0.180
			1			LS35M14L02	1SBV 01 3714 R1302	0.180
				1		LS35M14L20	1SBV 01 3714 R1320	0.180
					1	LS35M14B02	1SBV 01 3714 R1202	0.180

ø12.5 plastic (polyacetal) roller lever on steel plunger (zinc-plated)

1						LS32M31B11	1SBV 01 1931 R1211	0.175
	1					LS32M31D11	1SBV 01 1931 R1411	0.175
		1				LS32M31C11	1SBV 01 1931 R1511	0.175
			1			LS32M31L02	1SBV 01 1931 R1302	0.175
				1		LS32M31L20	1SBV 01 1931 R1320	0.175
					1	LS32M31B02	1SBV 01 1931 R1202	0.175
1						LS33M31B11	1SBV 01 3831 R1211	0.175
	1					LS33M31D11	1SBV 01 3831 R1411	0.175
		1				LS33M31C11	1SBV 01 3831 R1511	0.175
			1			LS33M31L02	1SBV 01 3831 R1302	0.175
				1		LS33M31L20	1SBV 01 3831 R1320	0.175
					1	LS33M31B02	1SBV 01 3831 R1202	0.175
1						LS35M31B11	1SBV 01 3731 R1211	0.175
	1					LS35M31D11	1SBV 01 3731 R1411	0.175
		1				LS35M31C11	1SBV 01 3731 R1511	0.175
			1			LS35M31L02	1SBV 01 3731 R1302	0.175
				1		LS35M31L20	1SBV 01 3731 R1320	0.175
					1	LS35M31B02	1SBV 01 3731 R1202	0.175

ø12.5 plastic (polyacetal) roller lever on steel plunger (zinc-plated)

1						LS32M32B11	1SBV 01 1932 R1211	0.175
	1					LS32M32D11	1SBV 01 1932 R1411	0.175
		1				LS32M32C11	1SBV 01 1932 R1511	0.175
			1			LS32M32L02	1SBV 01 1932 R1302	0.175
				1		LS32M32L20	1SBV 01 1932 R1320	0.175
					1	LS32M32B02	1SBV 01 1932 R1202	0.175
1						LS33M32B11	1SBV 01 3832 R1211	0.175
	1					LS33M32D11	1SBV 01 3832 R1411	0.175
		1				LS33M32C11	1SBV 01 3832 R1511	0.175
			1			LS33M32L02	1SBV 01 3832 R1302	0.175
				1		LS33M32L20	1SBV 01 3832 R1320	0.175
					1	LS33M32B02	1SBV 01 3832 R1202	0.175
1						LS35M32B11	1SBV 01 3732 R1211	0.175
	1					LS35M32D11	1SBV 01 3732 R1411	0.175
		1				LS35M32C11	1SBV 01 3732 R1511	0.175
			1			LS35M32L02	1SBV 01 3732 R1302	0.175
				1		LS35M32L20	1SBV 01 3732 R1320	0.175
					1	LS35M32B02	1SBV 01 3732 R1202	0.175

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LS32M14B11



LS32M31B11









LS32M32B11

LS32M..., LS33M... and LS35M... Limit Switches

Metal Casing IP66 - 30 mm Width

LS32M with 1 cable inlet M16 x 1.5 for ISO 16 cable gland.
 LS33M with 1 cable inlet M20 x 1.5 for ISO 20 cable gland.
 LS35M with 1 cable inlet for 1/2" NPT cable gland.

Ordering Details

Contact blocks						Type	Order code	Unit weight kg
								Packing 1 piece
B11	D11	C11	L02	L20	B02			

Adjustable ø22 plastic (polyacetal) roller lever on steel plunger (zinc-plated)

1						LS32M38B11	1SBV 01 1938 R1211	0.180
	1					LS32M38D11	1SBV 01 1938 R1411	0.180
		1				LS32M38C11	1SBV 01 1938 R1511	0.180
			1			LS32M38L02	1SBV 01 1938 R1302	0.180
				1		LS32M38L20	1SBV 01 1938 R1320	0.180
					1	LS32M38B02	1SBV 01 1938 R1202	0.180
1						LS33M38B11	1SBV 01 3838 R1211	0.180
	1					LS33M38D11	1SBV 01 3838 R1411	0.180
		1				LS33M38C11	1SBV 01 3838 R1511	0.180
			1			LS33M38L02	1SBV 01 3838 R1302	0.180
				1		LS33M38L20	1SBV 01 3838 R1320	0.180
					1	LS33M38B02	1SBV 01 3838 R1202	0.180
1						LS35M38B11	1SBV 01 3738 R1211	0.180
	1					LS35M38D11	1SBV 01 3738 R1411	0.180
		1				LS35M38C11	1SBV 01 3738 R1511	0.180
			1			LS35M38L02	1SBV 01 3738 R1302	0.180
				1		LS35M38L20	1SBV 01 3738 R1320	0.180
					1	LS35M38B02	1SBV 01 3738 R1202	0.180

ø18 plastic (polyacetal) roller lever

1						LS32M41B11	1SBV 01 1941 R1211	0.230
	1					LS32M41D11	1SBV 01 1941 R1411	0.230
		1				LS32M41C11	1SBV 01 1941 R1511	0.230
			1			LS32M41L02	1SBV 01 1941 R1302	0.230
				1		LS32M41L20	1SBV 01 1941 R1320	0.230
					1	LS32M41B02	1SBV 01 1941 R1202	0.230
1						LS33M41B11	1SBV 01 3841 R1211	0.230
	1					LS33M41D11	1SBV 01 3841 R1411	0.230
		1				LS33M41C11	1SBV 01 3841 R1511	0.230
			1			LS33M41L02	1SBV 01 3841 R1302	0.230
				1		LS33M41L20	1SBV 01 3841 R1320	0.230
					1	LS33M41B02	1SBV 01 3841 R1202	0.230
1						LS35M41B11	1SBV 01 3741 R1211	0.230
	1					LS35M41D11	1SBV 01 3741 R1411	0.230
		1				LS35M41C11	1SBV 01 3741 R1511	0.230
			1			LS35M41L02	1SBV 01 3741 R1302	0.230
				1		LS35M41L20	1SBV 01 3741 R1320	0.230
					1	LS35M41B02	1SBV 01 3741 R1202	0.230

ø50 rubber roller lever

1						LS32M42B11	1SBV 01 1942 R1211	0.255
	1					LS32M42D11	1SBV 01 1942 R1411	0.255
		1				LS32M42C11	1SBV 01 1942 R1511	0.255
			1			LS32M42L02	1SBV 01 1942 R1302	0.255
				1		LS32M42L20	1SBV 01 1942 R1320	0.255
					1	LS32M42B02	1SBV 01 1942 R1202	0.255
1						LS33M42B11	1SBV 01 3842 R1211	0.255
	1					LS33M42D11	1SBV 01 3842 R1411	0.255
		1				LS33M42C11	1SBV 01 3842 R1511	0.255
			1			LS33M42L02	1SBV 01 3842 R1302	0.255
				1		LS33M42L20	1SBV 01 3842 R1320	0.255
					1	LS33M42B02	1SBV 01 3842 R1202	0.255
1						LS35M42B11	1SBV 01 3742 R1211	0.255
	1					LS35M42D11	1SBV 01 3742 R1411	0.255
		1				LS35M42C11	1SBV 01 3742 R1511	0.255
			1			LS35M42L02	1SBV 01 3742 R1302	0.255
				1		LS35M42L20	1SBV 01 3742 R1320	0.255
					1	LS35M42B02	1SBV 01 3742 R1202	0.255

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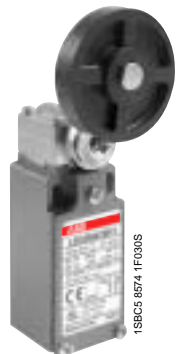
LS32M38B11

1SBC5 8572 1F030S



LS32M41B11

1SBC5 8573 1F030S



LS32M42B11

1SBC5 8574 1F030S

LS32M..., LS33M... and LS35M... Limit Switches

Metal Casing IP66 - 30 mm Width

LS32M with 1 cable inlet M16 x 1.5 for ISO 16 cable gland.
 LS33M with 1 cable inlet M20 x 1.5 for ISO 20 cable gland.
 LS35M with 1 cable inlet for 1/2" NPT cable gland.

Ordering Details

Contact blocks						Type	Order code	Unit weight kg Packing 1 piece
B11	D11	C11	L02	L20	B02			

ø18 steel roller lever (zinc-plated)

1						LS32M43B11	1SBV 01 1943 R1211	0.235
	1					LS32M43D11	1SBV 01 1943 R1411	0.235
		1				LS32M43C11	1SBV 01 1943 R1511	0.235
			1			LS32M43L02	1SBV 01 1943 R1302	0.235
				1		LS32M43L20	1SBV 01 1943 R1320	0.235
					1	LS32M43B02	1SBV 01 1943 R1202	0.235
1						LS33M43B11	1SBV 01 3843 R1211	0.235
	1					LS33M43D11	1SBV 01 3843 R1411	0.235
		1				LS33M43C11	1SBV 01 3843 R1511	0.235
			1			LS33M43L02	1SBV 01 3843 R1302	0.235
				1		LS33M43L20	1SBV 01 3843 R1320	0.235
					1	LS33M43B02	1SBV 01 3843 R1202	0.235
1						LS35M43B11	1SBV 01 3743 R1211	0.235
	1					LS35M43D11	1SBV 01 3743 R1411	0.235
		1				LS35M43C11	1SBV 01 3743 R1511	0.235
			1			LS35M43L02	1SBV 01 3743 R1302	0.235
				1		LS35M43L20	1SBV 01 3743 R1320	0.235
					1	LS35M43B02	1SBV 01 3743 R1202	0.235

ø18 plastic (polyacetal) roller with bent lever

1						LS32M45B11	1SBV 01 1945 R1211	0.245
	1					LS32M45D11	1SBV 01 1945 R1411	0.245
		1				LS32M45C11	1SBV 01 1945 R1511	0.245
			1			LS32M45L02	1SBV 01 1945 R1302	0.245
				1		LS32M45L20	1SBV 01 1945 R1320	0.245
					1	LS32M45B02	1SBV 01 1945 R1202	0.245
1						LS33M45B11	1SBV 01 3845 R1211	0.245
	1					LS33M45D11	1SBV 01 3845 R1411	0.245
		1				LS33M45C11	1SBV 01 3845 R1511	0.245
			1			LS33M45L02	1SBV 01 3845 R1302	0.245
				1		LS33M45L20	1SBV 01 3845 R1320	0.245
					1	LS33M45B02	1SBV 01 3845 R1202	0.245
1						LS35M45B11	1SBV 01 3745 R1211	0.245
	1					LS35M45D11	1SBV 01 3745 R1411	0.245
		1				LS35M45C11	1SBV 01 3745 R1511	0.245
			1			LS35M45L02	1SBV 01 3745 R1302	0.245
				1		LS35M45L20	1SBV 01 3745 R1320	0.245
					1	LS35M45B02	1SBV 01 3745 R1202	0.245

ø18 steel roller (zinc-plated) with bent lever

1						LS32M46B11	1SBV 01 1946 R1211	0.250
	1					LS32M46D11	1SBV 01 1946 R1411	0.250
		1				LS32M46C11	1SBV 01 1946 R1511	0.250
			1			LS32M46L02	1SBV 01 1946 R1302	0.250
				1		LS32M46L20	1SBV 01 1946 R1320	0.250
					1	LS32M46B02	1SBV 01 1946 R1202	0.250
1						LS33M46B11	1SBV 01 3846 R1211	0.250
	1					LS33M46D11	1SBV 01 3846 R1411	0.250
		1				LS33M46C11	1SBV 01 3846 R1511	0.250
			1			LS33M46L02	1SBV 01 3846 R1302	0.250
				1		LS33M46L20	1SBV 01 3846 R1320	0.250
					1	LS33M46B02	1SBV 01 3846 R1202	0.250
1						LS35M46B11	1SBV 01 3746 R1211	0.250
	1					LS35M46D11	1SBV 01 3746 R1411	0.250
		1				LS35M46C11	1SBV 01 3746 R1511	0.250
			1			LS35M46L02	1SBV 01 3746 R1302	0.250
				1		LS35M46L20	1SBV 01 3746 R1320	0.250
					1	LS35M46B02	1SBV 01 3746 R1202	0.250

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>> Accessories page 76



LS32M43B11

1SBC5 9041 1F030S



LS32M45B11

1SBC5 8676 1F030S



LS32M46B11

1SBC5 9042 1F030S

LS32M..., LS33M... and LS35M... Limit Switches

Metal Casing IP66 - 30 mm Width

LS32M with 1 cable inlet M16 x 1.5 for ISO 16 cable gland.
 LS33M with 1 cable inlet M20 x 1.5 for ISO 20 cable gland.
 LS35M with 1 cable inlet for 1/2" NPT cable gland.

Ordering Details

Contact blocks						Type	Order code	Unit weight kg
B11	D11	C11	L02	L20	B02			Packing
								1 piece

Adjustable ø18 plastic (polyacetal) roller lever

1						LS32M51B11	1SBV 01 1951 R1211	0.240
	1					LS32M51D11	1SBV 01 1951 R1411	0.240
		1				LS32M51C11	1SBV 01 1951 R1511	0.240
			1			LS32M51L02	1SBV 01 1951 R1302	0.240
				1		LS32M51L20	1SBV 01 1951 R1320	0.240
					1	LS32M51B02	1SBV 01 1951 R1202	0.240
1						LS33M51B11	1SBV 01 3851 R1211	0.240
	1					LS33M51D11	1SBV 01 3851 R1411	0.240
		1				LS33M51C11	1SBV 01 3851 R1511	0.240
			1			LS33M51L02	1SBV 01 3851 R1302	0.240
				1		LS33M51L20	1SBV 01 3851 R1320	0.240
					1	LS33M51B02	1SBV 01 3851 R1202	0.240
1						LS35M51B11	1SBV 01 3751 R1211	0.240
	1					LS35M51D11	1SBV 01 3751 R1411	0.240
		1				LS35M51C11	1SBV 01 3751 R1511	0.240
			1			LS35M51L02	1SBV 01 3751 R1302	0.240
				1		LS35M51L20	1SBV 01 3751 R1320	0.240
					1	LS35M51B02	1SBV 01 3751 R1202	0.240

Adjustable ø50 rubber roller lever

1						LS32M52B11	1SBV 01 1952 R1211	0.265
	1					LS32M52D11	1SBV 01 1952 R1411	0.265
		1				LS32M52C11	1SBV 01 1952 R1511	0.265
			1			LS32M52L02	1SBV 01 1952 R1302	0.265
				1		LS32M52L20	1SBV 01 1952 R1320	0.265
					1	LS32M52B02	1SBV 01 1952 R1202	0.265
1						LS33M52B11	1SBV 01 3852 R1211	0.265
	1					LS33M52D11	1SBV 01 3852 R1411	0.265
		1				LS33M52C11	1SBV 01 3852 R1511	0.265
			1			LS33M52L02	1SBV 01 3852 R1302	0.265
				1		LS33M52L20	1SBV 01 3852 R1320	0.265
					1	LS33M52B02	1SBV 01 3852 R1202	0.265
1						LS35M52B11	1SBV 01 3752 R1211	0.265
	1					LS35M52D11	1SBV 01 3752 R1411	0.265
		1				LS35M52C11	1SBV 01 3752 R1511	0.265
			1			LS35M52L02	1SBV 01 3752 R1302	0.265
				1		LS35M52L20	1SBV 01 3752 R1320	0.265
					1	LS35M52B02	1SBV 01 3752 R1202	0.265

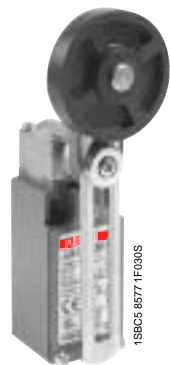
Adjustable ø18 steel roller lever (zinc-plated)

1						LS32M53B11	1SBV 01 1953 R1211	0.245
	1					LS32M53D11	1SBV 01 1953 R1411	0.245
		1				LS32M53C11	1SBV 01 1953 R1511	0.245
			1			LS32M53L02	1SBV 01 1953 R1302	0.245
				1		LS32M53L20	1SBV 01 1953 R1320	0.245
					1	LS32M53B02	1SBV 01 1953 R1202	0.245
1						LS33M53B11	1SBV 01 3853 R1211	0.245
	1					LS33M53D11	1SBV 01 3853 R1411	0.245
		1				LS33M53C11	1SBV 01 3853 R1511	0.245
			1			LS33M53L02	1SBV 01 3853 R1302	0.245
				1		LS33M53L20	1SBV 01 3853 R1320	0.245
					1	LS33M53B02	1SBV 01 3853 R1202	0.245
1						LS35M53B11	1SBV 01 3753 R1211	0.245
	1					LS35M53D11	1SBV 01 3753 R1411	0.245
		1				LS35M53C11	1SBV 01 3753 R1511	0.245
			1			LS35M53L02	1SBV 01 3753 R1302	0.245
				1		LS35M53L20	1SBV 01 3753 R1320	0.245
					1	LS35M53B02	1SBV 01 3753 R1202	0.245



LS32M51B11

1SBCE 8576 1F030S



LS32M52B11

1SBCE 8577 1F030S



LS32M53B11







1SBCE 9043 1F030S

LS32M..., LS33M... and LS35M... Limit Switches

Metal Casing IP66 - 30 mm Width

LS32M with 1 cable inlet M16 x 1.5 for ISO 16 cable gland.
 LS33M with 1 cable inlet M20 x 1.5 for ISO 20 cable gland.
 LS35M with 1 cable inlet for 1/2" NPT cable gland.

Ordering Details

Contact blocks	Type	Order code	Unit weight kg Packing
 B11	 D11	 C11	 L02
 L20	 B02		

Adjustable lever (vertical and horizontal) with ø50 rubber roller

1					LS32M55B11	1SBV 01 1955 R1211	0.270
	1				LS32M55D11	1SBV 01 1955 R1411	0.270
		1			LS32M55C11	1SBV 01 1955 R1511	0.270
			1		LS32M55L02	1SBV 01 1955 R1302	0.270
				1	LS32M55L20	1SBV 01 1955 R1320	0.270
					LS32M55B02	1SBV 01 1955 R1202	0.270
1					LS33M55B11	1SBV 01 3855 R1211	0.270
	1				LS33M55D11	1SBV 01 3855 R1411	0.270
		1			LS33M55C11	1SBV 01 3855 R1511	0.270
			1		LS33M55L02	1SBV 01 3855 R1302	0.270
				1	LS33M55L20	1SBV 01 3855 R1320	0.270
					LS33M55B02	1SBV 01 3855 R1202	0.270
1					LS35M55B11	1SBV 01 3755 R1211	0.270
	1				LS35M55D11	1SBV 01 3755 R1411	0.270
		1			LS35M55C11	1SBV 01 3755 R1511	0.270
			1		LS35M55L02	1SBV 01 3755 R1302	0.270
				1	LS35M55L20	1SBV 01 3755 R1320	0.270
					LS35M55B02	1SBV 01 3755 R1202	0.270

Adjustable ø3 stainless steel rod lever

1					LS32M71B11	1SBV 01 1971 R1211	0.245
	1				LS32M71D11	1SBV 01 1971 R1411	0.245
		1			LS32M71C11	1SBV 01 1971 R1511	0.245
			1		LS32M71L02	1SBV 01 1971 R1302	0.245
				1	LS32M71L20	1SBV 01 1971 R1320	0.245
					LS32M71B02	1SBV 01 1971 R1202	0.245
1					LS33M71B11	1SBV 01 3871 R1211	0.245
	1				LS33M71D11	1SBV 01 3871 R1411	0.245
		1			LS33M71C11	1SBV 01 3871 R1511	0.245
			1		LS33M71L02	1SBV 01 3871 R1302	0.245
				1	LS33M71L20	1SBV 01 3871 R1320	0.245
					LS33M71B02	1SBV 01 3871 R1202	0.245
1					LS35M71B11	1SBV 01 3771 R1211	0.245
	1				LS35M71D11	1SBV 01 3771 R1411	0.245
		1			LS35M71C11	1SBV 01 3771 R1511	0.245
			1		LS35M71L02	1SBV 01 3771 R1302	0.245
				1	LS35M71L20	1SBV 01 3771 R1320	0.245
					LS35M71B02	1SBV 01 3771 R1202	0.245

Adjustable ø3 fibre-glass rod lever

1					LS32M72B11	1SBV 01 1972 R1211	0.235
	1				LS32M72D11	1SBV 01 1972 R1411	0.235
		1			LS32M72C11	1SBV 01 1972 R1511	0.235
			1		LS32M72L02	1SBV 01 1972 R1302	0.235
				1	LS32M72L20	1SBV 01 1972 R1320	0.235
					LS32M72B02	1SBV 01 1972 R1202	0.235
1					LS33M72B11	1SBV 01 3872 R1211	0.235
	1				LS33M72D11	1SBV 01 3872 R1411	0.235
		1			LS33M72C11	1SBV 01 3872 R1511	0.235
			1		LS33M72L02	1SBV 01 3872 R1302	0.235
				1	LS33M72L20	1SBV 01 3872 R1320	0.235
					LS33M72B02	1SBV 01 3872 R1202	0.235
1					LS35M72B11	1SBV 01 3772 R1211	0.235
	1				LS35M72D11	1SBV 01 3772 R1411	0.235
		1			LS35M72C11	1SBV 01 3772 R1511	0.235
			1		LS35M72L02	1SBV 01 3772 R1302	0.235
				1	LS35M72L20	1SBV 01 3772 R1320	0.235
					LS35M72B02	1SBV 01 3772 R1202	0.235



LS32M55B11



LS32M71B11



LS32M72B11

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LS32M..., LS33M... and LS35M... Limit Switches

Metal Casing IP66 - 30 mm Width

LS32M with 1 cable inlet M16 x 1.5 for ISO 16 cable gland.
 LS33M with 1 cable inlet M20 x 1.5 for ISO 20 cable gland.
 LS35M with 1 cable inlet for 1/2" NPT cable gland.

Ordering Details

Contact blocks						Type	Order code	Unit weight kg
B11	D11	C11	L02	L20	B02			Packing
								1 piece

Adjustable ø6 polyamide rod lever

1						LS32M73B11	1SBV 01 1973 R1211	0.255
	1					LS32M73D11	1SBV 01 1973 R1411	0.255
		1				LS32M73C11	1SBV 01 1973 R1511	0.255
			1			LS32M73L02	1SBV 01 1973 R1302	0.255
				1		LS32M73L20	1SBV 01 1973 R1320	0.255
					1	LS32M73B02	1SBV 01 1973 R1202	0.255
1						LS33M73B11	1SBV 01 3873 R1211	0.255
	1					LS33M73D11	1SBV 01 3873 R1411	0.255
		1				LS33M73C11	1SBV 01 3873 R1511	0.255
			1			LS33M73L02	1SBV 01 3873 R1302	0.255
				1		LS33M73L20	1SBV 01 3873 R1320	0.255
					1	LS33M73B02	1SBV 01 3873 R1202	0.255
1						LS35M73B11	1SBV 01 3773 R1211	0.255
	1					LS35M73D11	1SBV 01 3773 R1411	0.255
		1				LS35M73C11	1SBV 01 3773 R1511	0.255
			1			LS35M73L02	1SBV 01 3773 R1302	0.255
				1		LS35M73L20	1SBV 01 3773 R1320	0.255
					1	LS35M73B02	1SBV 01 3773 R1202	0.255

Adjustable ø6 fibre-glass rod lever

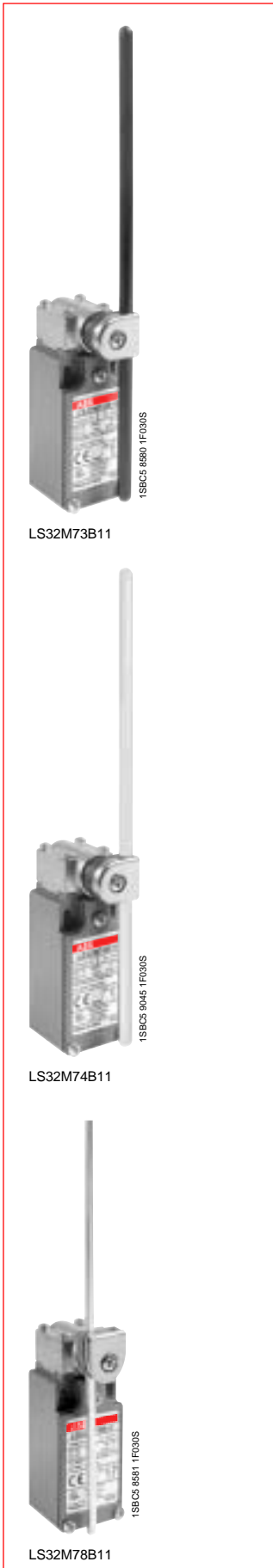
1						LS32M74B11	1SBV 01 1974 R1211	0.255
	1					LS32M74D11	1SBV 01 1974 R1411	0.255
		1				LS32M74C11	1SBV 01 1974 R1511	0.255
			1			LS32M74L02	1SBV 01 1974 R1302	0.255
				1		LS32M74L20	1SBV 01 1974 R1320	0.255
					1	LS32M74B02	1SBV 01 1974 R1202	0.255
1						LS33M74B11	1SBV 01 3874 R1211	0.255
	1					LS33M74D11	1SBV 01 3874 R1411	0.255
		1				LS33M74C11	1SBV 01 3874 R1511	0.255
			1			LS33M74L02	1SBV 01 3874 R1302	0.255
				1		LS33M74L20	1SBV 01 3874 R1320	0.255
					1	LS33M74B02	1SBV 01 3874 R1202	0.255
1						LS35M74B11	1SBV 01 3774 R1211	0.255
	1					LS35M74D11	1SBV 01 3774 R1411	0.255
		1				LS35M74C11	1SBV 01 3774 R1511	0.255
			1			LS35M74L02	1SBV 01 3774 R1302	0.255
				1		LS35M74L20	1SBV 01 3774 R1320	0.255
					1	LS35M74B02	1SBV 01 3774 R1202	0.255

Adjustable ø3 square steel rod lever (zinc-plated)

1						LS32M78B11	1SBV 01 1978 R1211	0.240
	1					LS32M78D11	1SBV 01 1978 R1411	0.240
		1				LS32M78C11	1SBV 01 1978 R1511	0.240
			1			LS32M78L02	1SBV 01 1978 R1302	0.240
				1		LS32M78L20	1SBV 01 1978 R1320	0.240
					1	LS32M78B02	1SBV 01 1978 R1202	0.240
1						LS33M78B11	1SBV 01 3878 R1211	0.240
	1					LS33M78D11	1SBV 01 3878 R1411	0.240
		1				LS33M78C11	1SBV 01 3878 R1511	0.240
			1			LS33M78L02	1SBV 01 3878 R1302	0.240
				1		LS33M78L20	1SBV 01 3878 R1320	0.240
					1	LS33M78B02	1SBV 01 3878 R1202	0.240
1						LS35M78B11	1SBV 01 3778 R1211	0.240
	1					LS35M78D11	1SBV 01 3778 R1411	0.240
		1				LS35M78C11	1SBV 01 3778 R1511	0.240
			1			LS35M78L02	1SBV 01 3778 R1302	0.240
				1		LS35M78L20	1SBV 01 3778 R1320	0.240
					1	LS35M78B02	1SBV 01 3778 R1202	0.240

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LS32M..., LS33M... and LS35M... Limit Switches

Metal Casing IP66 - 30 mm Width

LS32M with 1 cable inlet M16 x 1.5 for ISO 16 cable gland.
 LS33M with 1 cable inlet M20 x 1.5 for ISO 20 cable gland.
 LS35M with 1 cable inlet for 1/2" NPT cable gland.

Ordering Details

Contact blocks						Type	Order code	Unit weight kg Packing 1 piece
B11	D11	C11	L02	L20	B02			

Spring rod

1						LS32M91B11	1SBV 01 1991 R1211	0.180
	1					LS32M91D11	1SBV 01 1991 R1411	0.180
		1				LS32M91C11	1SBV 01 1991 R1511	0.180
			1			LS32M91L02	1SBV 01 1991 R1302	0.180
				1		LS32M91L20	1SBV 01 1991 R1320	0.180
					1	LS32M91B02	1SBV 01 1991 R1202	0.180
1						LS33M91B11	1SBV 01 3891 R1211	0.180
	1					LS33M91D11	1SBV 01 3891 R1411	0.180
		1				LS33M91C11	1SBV 01 3891 R1511	0.180
			1			LS33M91L02	1SBV 01 3891 R1302	0.180
				1		LS33M91L20	1SBV 01 3891 R1320	0.180
					1	LS33M91B02	1SBV 01 3891 R1202	0.180
1						LS35M91B11	1SBV 01 3791 R1211	0.180
	1					LS35M91D11	1SBV 01 3791 R1411	0.180
		1				LS35M91C11	1SBV 01 3791 R1511	0.180
			1			LS35M91L02	1SBV 01 3791 R1302	0.180
				1		LS35M91L20	1SBV 01 3791 R1320	0.180
					1	LS35M91B02	1SBV 01 3791 R1202	0.180

Flexible rod with insulated end

1						LS32M92B11	1SBV 01 1992 R1211	0.185
	1					LS32M92D11	1SBV 01 1992 R1411	0.185
		1				LS32M92C11	1SBV 01 1992 R1511	0.185
			1			LS32M92L02	1SBV 01 1992 R1302	0.185
				1		LS32M92L20	1SBV 01 1992 R1320	0.185
					1	LS32M92B02	1SBV 01 1992 R1202	0.185
1						LS33M92B11	1SBV 01 3892 R1211	0.185
	1					LS33M92D11	1SBV 01 3892 R1411	0.185
		1				LS33M92C11	1SBV 01 3892 R1511	0.185
			1			LS33M92L02	1SBV 01 3892 R1302	0.185
				1		LS33M92L20	1SBV 01 3892 R1320	0.185
					1	LS33M92B02	1SBV 01 3892 R1202	0.185
1						LS35M92B11	1SBV 01 3792 R1211	0.185
	1					LS35M92D11	1SBV 01 3792 R1411	0.185
		1				LS35M92C11	1SBV 01 3792 R1511	0.185
			1			LS35M92L02	1SBV 01 3792 R1302	0.185
				1		LS35M92L20	1SBV 01 3792 R1320	0.185
					1	LS35M92B02	1SBV 01 3792 R1202	0.185

Pull action with ring

1						LS32M98B11-A	1SBV 01 1998 R1211	0.215
	1					LS32M98D11-A	1SBV 01 1998 R1411	0.215
			1			LS32M98L02-A	1SBV 01 1998 R1302	0.215
				1		LS32M98L20-A	1SBV 01 1998 R1320	0.215
1						LS33M98B11-A	1SBV 01 3898 R1211	0.215
	1					LS33M98D11-A	1SBV 01 3898 R1411	0.215
			1			LS33M98L02-A	1SBV 01 3898 R1302	0.215
				1		LS33M98L20-A	1SBV 01 3898 R1320	0.215
1						LS35M98B11-A	1SBV 01 3798 R1211	0.215
	1					LS35M98D11-A	1SBV 01 3798 R1411	0.215
			1			LS35M98L02-A	1SBV 01 3798 R1302	0.215
				1		LS35M98L20-A	1SBV 01 3798 R1320	0.215



LS32M91B11



LS32M92B11



LS32M98B11-A

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










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LS72M..., LS73M... and LS75M... Limit Switches

Metal Casing IP66 - 60 mm Width

LS72M with 3 cable inlets M16 x 1.5 for ISO 16 cable gland.
 LS73M with 3 cable inlets M20 x 1.5 for ISO 20 cable gland.
 LS75M with 3 cable inlets for 1/2" NPT cable gland.

Ordering Details

Contact blocks	Type	Order code	Unit weight kg
 B11	 D11  C11  L02  L20  B02		Packing 1 piece
 D11			
 C11			
 L02			
 L20			
 B02			

Steel plain plunger (zinc-plated)

1				LS72M11B11	1SBV 01 4311 R1211	0.270
	1			LS72M11D11	1SBV 01 4311 R1411	0.270
		1		LS72M11C11	1SBV 01 4311 R1511	0.270
			1	LS72M11L02	1SBV 01 4311 R1302	0.270
				LS72M11L20	1SBV 01 4311 R1320	0.270
				LS72M11B02	1SBV 01 4311 R1202	0.270
1				LS73M11B11	1SBV 01 5211 R1211	0.270
	1			LS73M11D11	1SBV 01 5211 R1411	0.270
		1		LS73M11C11	1SBV 01 5211 R1511	0.270
			1	LS73M11L02	1SBV 01 5211 R1302	0.270
				LS73M11L20	1SBV 01 5211 R1320	0.270
				LS73M11B02	1SBV 01 5211 R1202	0.270
1				LS75M11B11	1SBV 01 5111 R1211	0.270
	1			LS75M11D11	1SBV 01 5111 R1411	0.270
		1		LS75M11C11	1SBV 01 5111 R1511	0.270
			1	LS75M11L02	1SBV 01 5111 R1302	0.270
				LS75M11L20	1SBV 01 5111 R1320	0.270
				LS75M11B02	1SBV 01 5111 R1202	0.270

ø11 steel roller plunger (zinc-plated)

1				LS72M12B11	1SBV 01 4312 R1211	0.280
	1			LS72M12D11	1SBV 01 4312 R1411	0.280
		1		LS72M12C11	1SBV 01 4312 R1511	0.280
			1	LS72M12L02	1SBV 01 4312 R1302	0.280
				LS72M12L20	1SBV 01 4312 R1320	0.280
				LS72M12B02	1SBV 01 4312 R1202	0.280
1				LS73M12B11	1SBV 01 5212 R1211	0.280
	1			LS73M12D11	1SBV 01 5212 R1411	0.280
		1		LS73M12C11	1SBV 01 5212 R1511	0.280
			1	LS73M12L02	1SBV 01 5212 R1302	0.280
				LS73M12L20	1SBV 01 5212 R1320	0.280
				LS73M12B02	1SBV 01 5212 R1202	0.280
1				LS75M12B11	1SBV 01 5112 R1211	0.280
	1			LS75M12D11	1SBV 01 5112 R1411	0.280
		1		LS75M12C11	1SBV 01 5112 R1511	0.280
			1	LS75M12L02	1SBV 01 5112 R1302	0.280
				LS75M12L20	1SBV 01 5112 R1320	0.280
				LS75M12B02	1SBV 01 5112 R1202	0.280

ø11 plastic (polyacetal) roller plunger

1				LS72M13B11	1SBV 01 4313 R1211	0.275
	1			LS72M13D11	1SBV 01 4313 R1411	0.275
		1		LS72M13C11	1SBV 01 4313 R1511	0.275
			1	LS72M13L02	1SBV 01 4313 R1302	0.275
				LS72M13L20	1SBV 01 4313 R1320	0.275
				LS72M13B02	1SBV 01 4313 R1202	0.275
1				LS73M13B11	1SBV 01 5213 R1211	0.275
	1			LS73M13D11	1SBV 01 5213 R1411	0.275
		1		LS73M13C11	1SBV 01 5213 R1511	0.275
			1	LS73M13L02	1SBV 01 5213 R1302	0.275
				LS73M13L20	1SBV 01 5213 R1320	0.275
				LS73M13B02	1SBV 01 5213 R1202	0.275
1				LS75M13B11	1SBV 01 5113 R1211	0.275
	1			LS75M13D11	1SBV 01 5113 R1411	0.275
		1		LS75M13C11	1SBV 01 5113 R1511	0.275
			1	LS75M13L02	1SBV 01 5113 R1302	0.275
				LS75M13L20	1SBV 01 5113 R1320	0.275
				LS75M13B02	1SBV 01 5113 R1202	0.275

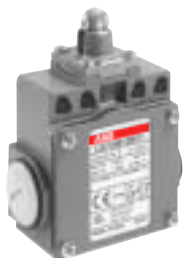
>> Technical Data, Dimensions page 24

>> Accessories page 76



LS72M11B11

1SBC5 8603 1F030S



LS72M12B11

1SBC5 8604 1F030S



LS72M13B11

1SBC5 9046 1F030S

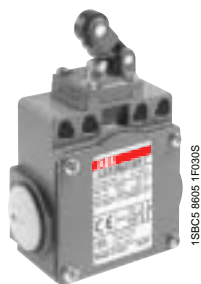
LS72M..., LS73M... and LS75M... Limit Switches

Metal Casing IP66 - 60 mm Width

LS72M with 3 cable inlets M16 x 1.5 for ISO 16 cable gland.
 LS73M with 3 cable inlets M20 x 1.5 for ISO 20 cable gland.
 LS75M with 3 cable inlets for 1/2" NPT cable gland.

Ordering Details

Contact blocks						Type	Order code	Unit weight kg Packing
B11	D11	C11	L02	L20	B02			1 piece



LS72M31B11



LS72M35B11



LS72M38B11

ø12.5 plastic (polyacetal) roller lever on steel plunger (zinc-plated)

1						LS72M31B11	1SBV 01 4331 R1211	0.265
	1					LS72M31D11	1SBV 01 4331 R1411	0.265
		1				LS72M31C11	1SBV 01 4331 R1511	0.265
			1			LS72M31L02	1SBV 01 4331 R1302	0.265
				1		LS72M31L20	1SBV 01 4331 R1320	0.265
					1	LS72M31B02	1SBV 01 4331 R1202	0.265
1						LS73M31B11	1SBV 01 5231 R1211	0.265
	1					LS73M31D11	1SBV 01 5231 R1411	0.265
		1				LS73M31C11	1SBV 01 5231 R1511	0.265
			1			LS73M31L02	1SBV 01 5231 R1302	0.265
				1		LS73M31L20	1SBV 01 5231 R1320	0.265
					1	LS73M31B02	1SBV 01 5231 R1202	0.265
1						LS75M31B11	1SBV 01 5131 R1211	0.265
	1					LS75M31D11	1SBV 01 5131 R1411	0.265
		1				LS75M31C11	1SBV 01 5131 R1511	0.265
			1			LS75M31L02	1SBV 01 5131 R1302	0.265
				1		LS75M31L20	1SBV 01 5131 R1320	0.265
					1	LS75M31B02	1SBV 01 5131 R1202	0.265

ø12.5 plastic (polyacetal) roller lever on steel plunger (zinc-plated) with dust protection cup

1						LS72M35B11	1SBV 01 4335 R1211	0.265
	1					LS72M35D11	1SBV 01 4335 R1411	0.265
		1				LS72M35C11	1SBV 01 4335 R1511	0.265
			1			LS72M35L02	1SBV 01 4335 R1302	0.265
				1		LS72M35L20	1SBV 01 4335 R1320	0.265
					1	LS72M35B02	1SBV 01 4335 R1202	0.265
1						LS73M35B11	1SBV 01 5235 R1211	0.265
	1					LS73M35D11	1SBV 01 5235 R1411	0.265
		1				LS73M35C11	1SBV 01 5235 R1511	0.265
			1			LS73M35L02	1SBV 01 5235 R1302	0.265
				1		LS73M35L20	1SBV 01 5235 R1320	0.265
					1	LS73M35B02	1SBV 01 5235 R1202	0.265
1						LS75M35B11	1SBV 01 5135 R1211	0.265
	1					LS75M35D11	1SBV 01 5135 R1411	0.265
		1				LS75M35C11	1SBV 01 5135 R1511	0.265
			1			LS75M35L02	1SBV 01 5135 R1302	0.265
				1		LS75M35L20	1SBV 01 5135 R1320	0.265
					1	LS75M35B02	1SBV 01 5135 R1202	0.265

Adjustable ø22 plastic (polyacetal) roller lever on steel plunger (zinc-plated)

1						LS72M38B11	1SBV 01 4338 R1211	0.270
	1					LS72M38D11	1SBV 01 4338 R1411	0.270
		1				LS72M38C11	1SBV 01 4338 R1511	0.270
			1			LS72M38L02	1SBV 01 4338 R1302	0.270
				1		LS72M38L20	1SBV 01 4338 R1320	0.270
					1	LS72M38B02	1SBV 01 4338 R1202	0.270
1						LS73M38B11	1SBV 01 5238 R1211	0.270
	1					LS73M38D11	1SBV 01 5238 R1411	0.270
		1				LS73M38C11	1SBV 01 5238 R1511	0.270
			1			LS73M38L02	1SBV 01 5238 R1302	0.270
				1		LS73M38L20	1SBV 01 5238 R1320	0.270
					1	LS73M38B02	1SBV 01 5238 R1202	0.270
1						LS75M38B11	1SBV 01 5138 R1211	0.270
	1					LS75M38D11	1SBV 01 5138 R1411	0.270
		1				LS75M38C11	1SBV 01 5138 R1511	0.270
			1			LS75M38L02	1SBV 01 5138 R1302	0.270
				1		LS75M38L20	1SBV 01 5138 R1320	0.270
					1	LS75M38B02	1SBV 01 5138 R1202	0.270

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>> Accessories page 76

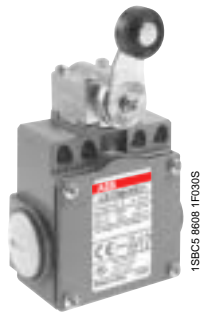
LS72M..., LS73M... and LS75M... Limit Switches

Metal Casing IP66 - 60 mm Width

LS72M with 3 cable inlets M16 x 1.5 for ISO 16 cable gland.
 LS73M with 3 cable inlets M20 x 1.5 for ISO 20 cable gland.
 LS75M with 3 cable inlets for 1/2" NPT cable gland.

Ordering Details

Contact blocks						Type	Order code	Unit weight kg
B11	D11	C11	L02	L20	B02			Packing 1 piece
ø18 plastic (polyacetal) roller lever								
1						LS72M41B11	1SBV 01 4341 R1211	0.320
	1					LS72M41D11	1SBV 01 4341 R1411	0.320
		1				LS72M41C11	1SBV 01 4341 R1511	0.320
			1			LS72M41L02	1SBV 01 4341 R1302	0.320
				1		LS72M41L20	1SBV 01 4341 R1320	0.320
					1	LS72M41B02	1SBV 01 4341 R1202	0.320
1						LS73M41B11	1SBV 01 5241 R1211	0.320
	1					LS73M41D11	1SBV 01 5241 R1411	0.320
		1				LS73M41C11	1SBV 01 5241 R1511	0.320
			1			LS73M41L02	1SBV 01 5241 R1302	0.320
				1		LS73M41L20	1SBV 01 5241 R1320	0.320
					1	LS73M41B02	1SBV 01 5241 R1202	0.320
1						LS75M41B11	1SBV 01 5141 R1211	0.320
	1					LS75M41D11	1SBV 01 5141 R1411	0.320
		1				LS75M41C11	1SBV 01 5141 R1511	0.320
			1			LS75M41L02	1SBV 01 5141 R1302	0.320
				1		LS75M41L20	1SBV 01 5141 R1320	0.320
					1	LS75M41B02	1SBV 01 5141 R1202	0.320
ø50 rubber roller lever								
1						LS72M42B11	1SBV 01 4342 R1211	0.345
	1					LS72M42D11	1SBV 01 4342 R1411	0.345
		1				LS72M42C11	1SBV 01 4342 R1511	0.345
			1			LS72M42L02	1SBV 01 4342 R1302	0.345
				1		LS72M42L20	1SBV 01 4342 R1320	0.345
					1	LS72M42B02	1SBV 01 4342 R1202	0.345
1						LS73M42B11	1SBV 01 5242 R1211	0.345
	1					LS73M42D11	1SBV 01 5242 R1411	0.345
		1				LS73M42C11	1SBV 01 5242 R1511	0.345
			1			LS73M42L02	1SBV 01 5242 R1302	0.345
				1		LS73M42L20	1SBV 01 5242 R1320	0.345
					1	LS73M42B02	1SBV 01 5242 R1202	0.345
1						LS75M42B11	1SBV 01 5142 R1211	0.345
	1					LS75M42D11	1SBV 01 5142 R1411	0.345
		1				LS75M42C11	1SBV 01 5142 R1511	0.345
			1			LS75M42L02	1SBV 01 5142 R1302	0.345
				1		LS75M42L20	1SBV 01 5142 R1320	0.345
					1	LS75M42B02	1SBV 01 5142 R1202	0.345
ø18 steel roller lever (zinc-plated)								
1						LS72M43B11	1SBV 01 4343 R1211	0.325
	1					LS72M43D11	1SBV 01 4343 R1411	0.325
		1				LS72M43C11	1SBV 01 4343 R1511	0.325
			1			LS72M43L02	1SBV 01 4343 R1302	0.325
				1		LS72M43L20	1SBV 01 4343 R1320	0.325
					1	LS72M43B02	1SBV 01 4343 R1202	0.325
1						LS73M43B11	1SBV 01 5243 R1211	0.325
	1					LS73M43D11	1SBV 01 5243 R1411	0.325
		1				LS73M43C11	1SBV 01 5243 R1511	0.325
			1			LS73M43L02	1SBV 01 5243 R1302	0.325
				1		LS73M43L20	1SBV 01 5243 R1320	0.325
					1	LS73M43B02	1SBV 01 5243 R1202	0.325
1						LS75M43B11	1SBV 01 5143 R1211	0.325
	1					LS75M43D11	1SBV 01 5143 R1411	0.325
		1				LS75M43C11	1SBV 01 5143 R1511	0.325
			1			LS75M43L02	1SBV 01 5143 R1302	0.325
				1		LS75M43L20	1SBV 01 5143 R1320	0.325
					1	LS75M43B02	1SBV 01 5143 R1202	0.325



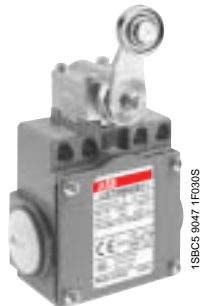
LS72M41B11

1SBC5 8808 1F030S



LS72M42B11

1SBC5 8809 1F030S



LS72M43B11







1SBC5 8047 1F030S

LS72M..., LS73M... and LS75M... Limit Switches

Metal Casing IP66 - 60 mm Width

LS72M with 3 cable inlets M16 x 1.5 for ISO 16 cable gland.
 LS73M with 3 cable inlets M20 x 1.5 for ISO 20 cable gland.
 LS75M with 3 cable inlets for 1/2" NPT cable gland.

Ordering Details

Contact blocks	Type	Order code	Unit weight kg Packing
 B11	 D11	 C11	 L02
 L20	 B02		

ø18 plastic (polyacetal) roller with bent lever

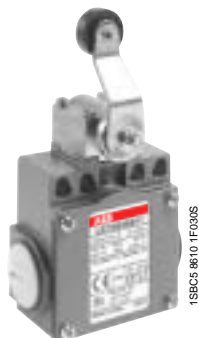
1					LS72M45B11	1SBV 01 4345 R1211	0.335
	1				LS72M45D11	1SBV 01 4345 R1411	0.335
		1			LS72M45C11	1SBV 01 4345 R1511	0.335
			1		LS72M45L02	1SBV 01 4345 R1302	0.335
				1	LS72M45L20	1SBV 01 4345 R1320	0.335
					LS72M45B02	1SBV 01 4345 R1202	0.335
1					LS73M45B11	1SBV 01 5245 R1211	0.335
	1				LS73M45D11	1SBV 01 5245 R1411	0.335
		1			LS73M45C11	1SBV 01 5245 R1511	0.335
			1		LS73M45L02	1SBV 01 5245 R1302	0.335
				1	LS73M45L20	1SBV 01 5245 R1320	0.335
					LS73M45B02	1SBV 01 5245 R1202	0.335
1					LS75M45B11	1SBV 01 5145 R1211	0.335
	1				LS75M45D11	1SBV 01 5145 R1411	0.335
		1			LS75M45C11	1SBV 01 5145 R1511	0.335
			1		LS75M45L02	1SBV 01 5145 R1302	0.335
				1	LS75M45L20	1SBV 01 5145 R1320	0.335
					LS75M45B02	1SBV 01 5145 R1202	0.335

ø18 steel roller (zinc-plated) with bent lever

1					LS72M46B11	1SBV 01 4346 R1211	0.340
	1				LS72M46D11	1SBV 01 4346 R1411	0.340
		1			LS72M46C11	1SBV 01 4346 R1511	0.340
			1		LS72M46L02	1SBV 01 4346 R1302	0.340
				1	LS72M46L20	1SBV 01 4346 R1320	0.340
					LS72M46B02	1SBV 01 4346 R1202	0.340
1					LS73M46B11	1SBV 01 5246 R1211	0.340
	1				LS73M46D11	1SBV 01 5246 R1411	0.340
		1			LS73M46C11	1SBV 01 5246 R1511	0.340
			1		LS73M46L02	1SBV 01 5246 R1302	0.340
				1	LS73M46L20	1SBV 01 5246 R1320	0.340
					LS73M46B02	1SBV 01 5246 R1202	0.340
1					LS75M46B11	1SBV 01 5146 R1211	0.340
	1				LS75M46D11	1SBV 01 5146 R1411	0.340
		1			LS75M46C11	1SBV 01 5146 R1511	0.340
			1		LS75M46L02	1SBV 01 5146 R1302	0.340
				1	LS75M46L20	1SBV 01 5146 R1320	0.340
					LS75M46B02	1SBV 01 5146 R1202	0.340

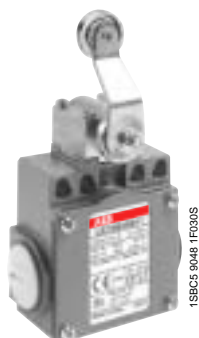
Adjustable ø18 plastic (polyacetal) roller lever

1					LS72M51B11	1SBV 01 4351 R1211	0.335
	1				LS72M51D11	1SBV 01 4351 R1411	0.335
		1			LS72M51C11	1SBV 01 4351 R1511	0.335
			1		LS72M51L02	1SBV 01 4351 R1302	0.335
				1	LS72M51L20	1SBV 01 4351 R1320	0.335
					LS72M51B02	1SBV 01 4351 R1202	0.335
1					LS73M51B11	1SBV 01 5251 R1211	0.335
	1				LS73M51D11	1SBV 01 5251 R1411	0.335
		1			LS73M51C11	1SBV 01 5251 R1511	0.335
			1		LS73M51L02	1SBV 01 5251 R1302	0.335
				1	LS73M51L20	1SBV 01 5251 R1320	0.335
					LS73M51B02	1SBV 01 5251 R1202	0.335
1					LS75M51B11	1SBV 01 5151 R1211	0.335
	1				LS75M51D11	1SBV 01 5151 R1411	0.335
		1			LS75M51C11	1SBV 01 5151 R1511	0.335
			1		LS75M51L02	1SBV 01 5151 R1302	0.335
				1	LS75M51L20	1SBV 01 5151 R1320	0.335
					LS75M51B02	1SBV 01 5151 R1202	0.335



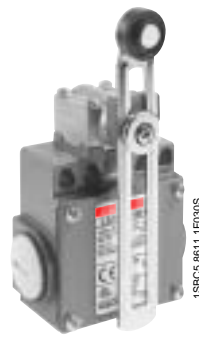
LS72M45B11

1SBC5 8610 1F030S



LS72M46B11

1SBC5 8616 1F030S



LS72M51B11

1SBC5 8611 1F030S

>> Technical Data, Dimensions page 25

>> Accessories page 76

LS72M..., LS73M... and LS75M... Limit Switches

Metal Casing IP66 - 60 mm Width

LS72M with 3 cable inlets M16 x 1.5 for ISO 16 cable gland.
 LS73M with 3 cable inlets M20 x 1.5 for ISO 20 cable gland.
 LS75M with 3 cable inlets for 1/2" NPT cable gland.

Ordering Details

Contact blocks						Type	Order code	Unit weight kg
B11	D11	C11	L02	L20	B02			Packing
								1 piece

Adjustable ø50 rubber roller lever

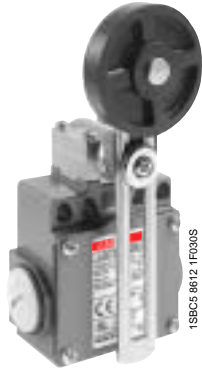
1						LS72M52B11	1SBV 01 4352 R1211	0.355
	1					LS72M52D11	1SBV 01 4352 R1411	0.355
		1				LS72M52C11	1SBV 01 4352 R1511	0.355
			1			LS72M52L02	1SBV 01 4352 R1302	0.355
				1		LS72M52L20	1SBV 01 4352 R1320	0.355
					1	LS72M52B02	1SBV 01 4352 R1202	0.355
1						LS73M52B11	1SBV 01 5252 R1211	0.355
	1					LS73M52D11	1SBV 01 5252 R1411	0.355
		1				LS73M52C11	1SBV 01 5252 R1511	0.355
			1			LS73M52L02	1SBV 01 5252 R1302	0.355
				1		LS73M52L20	1SBV 01 5252 R1320	0.355
					1	LS73M52B02	1SBV 01 5252 R1202	0.355
1						LS75M52B11	1SBV 01 5152 R1211	0.355
	1					LS75M52D11	1SBV 01 5152 R1411	0.355
		1				LS75M52C11	1SBV 01 5152 R1511	0.355
			1			LS75M52L02	1SBV 01 5152 R1302	0.355
				1		LS75M52L20	1SBV 01 5152 R1320	0.355
					1	LS75M52B02	1SBV 01 5152 R1202	0.355

Adjustable ø18 steel roller lever (zinc-plated)

1						LS72M53B11	1SBV 01 4353 R1211	0.340
	1					LS72M53D11	1SBV 01 4353 R1411	0.340
		1				LS72M53C11	1SBV 01 4353 R1511	0.340
			1			LS72M53L02	1SBV 01 4353 R1302	0.340
				1		LS72M53L20	1SBV 01 4353 R1320	0.340
					1	LS72M53B02	1SBV 01 4353 R1202	0.340
1						LS73M53B11	1SBV 01 5253 R1211	0.340
	1					LS73M53D11	1SBV 01 5253 R1411	0.340
		1				LS73M53C11	1SBV 01 5253 R1511	0.340
			1			LS73M53L02	1SBV 01 5253 R1302	0.340
				1		LS73M53L20	1SBV 01 5253 R1320	0.340
					1	LS73M53B02	1SBV 01 5253 R1202	0.340
1						LS75M53B11	1SBV 01 5153 R1211	0.340
	1					LS75M53D11	1SBV 01 5153 R1411	0.340
		1				LS75M53C11	1SBV 01 5153 R1511	0.340
			1			LS75M53L02	1SBV 01 5153 R1302	0.340
				1		LS75M53L20	1SBV 01 5153 R1320	0.340
					1	LS75M53B02	1SBV 01 5153 R1202	0.340

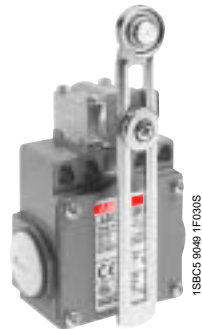
Flexible lever with insulated end

1						LS72M61B11	1SBV 01 4361 R1211	0.375
	1					LS72M61D11	1SBV 01 4361 R1411	0.375
		1				LS72M61C11	1SBV 01 4361 R1511	0.375
			1			LS72M61L02	1SBV 01 4361 R1302	0.375
				1		LS72M61L20	1SBV 01 4361 R1320	0.375
					1	LS72M61B02	1SBV 01 4361 R1202	0.375
1						LS73M61B11	1SBV 01 5261 R1211	0.375
	1					LS73M61D11	1SBV 01 5261 R1411	0.375
		1				LS73M61C11	1SBV 01 5261 R1511	0.375
			1			LS73M61L02	1SBV 01 5261 R1302	0.375
				1		LS73M61L20	1SBV 01 5261 R1320	0.375
					1	LS73M61B02	1SBV 01 5261 R1202	0.375
1						LS75M61B11	1SBV 01 5161 R1211	0.375
	1					LS75M61D11	1SBV 01 5161 R1411	0.375
		1				LS75M61C11	1SBV 01 5161 R1511	0.375
			1			LS75M61L02	1SBV 01 5161 R1302	0.375
				1		LS75M61L20	1SBV 01 5161 R1320	0.375
					1	LS75M61B02	1SBV 01 5161 R1202	0.375



LS72M52B11

1SBC5 8612 1F030S



LS72M53B11

1SBC5 9046 1F030S



LS72M61B11

1SBC5 8613 1F030S

LS72M..., LS73M... and LS75M... Limit Switches

Metal Casing IP66 - 60 mm Width

LS72M with 3 cable inlets M16 x 1.5 for ISO 16 cable gland.
 LS73M with 3 cable inlets M20 x 1.5 for ISO 20 cable gland.
 LS75M with 3 cable inlets for 1/2" NPT cable gland.

Ordering Details

Contact blocks						Type	Order code	Unit weight kg Packing
B11	D11	C11	L02	L20	B02			1 piece

Coil spring lever

1						LS72M62B11	1SBV 01 4362 R1211	0.380
	1					LS72M62D11	1SBV 01 4362 R1411	0.380
		1				LS72M62C11	1SBV 01 4362 R1511	0.380
			1			LS72M62L02	1SBV 01 4362 R1302	0.380
				1		LS72M62L20	1SBV 01 4362 R1320	0.380
					1	LS72M62B02	1SBV 01 4362 R1202	0.380
1						LS73M62B11	1SBV 01 5262 R1211	0.380
	1					LS73M62D11	1SBV 01 5262 R1411	0.380
		1				LS73M62C11	1SBV 01 5262 R1511	0.380
			1			LS73M62L02	1SBV 01 5262 R1302	0.380
				1		LS73M62L20	1SBV 01 5262 R1320	0.380
					1	LS73M62B02	1SBV 01 5262 R1202	0.380
1						LS75M62B11	1SBV 01 5162 R1211	0.380
	1					LS75M62D11	1SBV 01 5162 R1411	0.380
		1				LS75M62C11	1SBV 01 5162 R1511	0.380
			1			LS75M62L02	1SBV 01 5162 R1302	0.380
				1		LS75M62L20	1SBV 01 5162 R1320	0.380
					1	LS75M62B02	1SBV 01 5162 R1202	0.380

Adjustable ø3 stainless steel rod lever

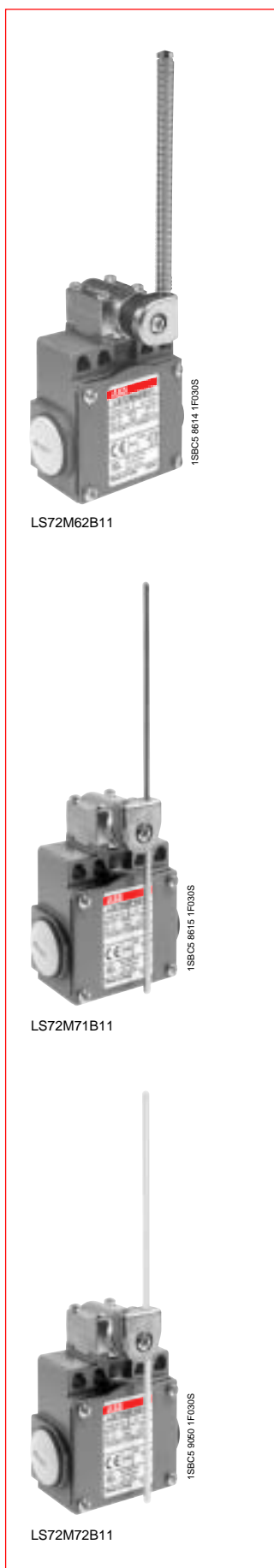
1						LS72M71B11	1SBV 01 4371 R1211	0.380
	1					LS72M71D11	1SBV 01 4371 R1411	0.380
		1				LS72M71C11	1SBV 01 4371 R1511	0.380
			1			LS72M71L02	1SBV 01 4371 R1302	0.380
				1		LS72M71L20	1SBV 01 4371 R1320	0.380
					1	LS72M71B02	1SBV 01 4371 R1202	0.380
1						LS73M71B11	1SBV 01 5271 R1211	0.380
	1					LS73M71D11	1SBV 01 5271 R1411	0.380
		1				LS73M71C11	1SBV 01 5271 R1511	0.380
			1			LS73M71L02	1SBV 01 5271 R1302	0.380
				1		LS73M71L20	1SBV 01 5271 R1320	0.380
					1	LS73M71B02	1SBV 01 5271 R1202	0.380
1						LS75M71B11	1SBV 01 5171 R1211	0.380
	1					LS75M71D11	1SBV 01 5171 R1411	0.380
		1				LS75M71C11	1SBV 01 5171 R1511	0.380
			1			LS75M71L02	1SBV 01 5171 R1302	0.380
				1		LS75M71L20	1SBV 01 5171 R1320	0.380
					1	LS75M71B02	1SBV 01 5171 R1202	0.380

Adjustable ø3 fibre-glass rod lever

1						LS72M72B11	1SBV 01 4372 R1211	0.370
	1					LS72M72D11	1SBV 01 4372 R1411	0.370
		1				LS72M72C11	1SBV 01 4372 R1511	0.370
			1			LS72M72L02	1SBV 01 4372 R1302	0.370
				1		LS72M72L20	1SBV 01 4372 R1320	0.370
					1	LS72M72B02	1SBV 01 4372 R1202	0.370
1						LS73M72B11	1SBV 01 5272 R1211	0.370
	1					LS73M72D11	1SBV 01 5272 R1411	0.370
		1				LS73M72C11	1SBV 01 5272 R1511	0.370
			1			LS73M72L02	1SBV 01 5272 R1302	0.370
				1		LS73M72L20	1SBV 01 5272 R1320	0.370
					1	LS73M72B02	1SBV 01 5272 R1202	0.370
1						LS75M72B11	1SBV 01 5172 R1211	0.370
	1					LS75M72D11	1SBV 01 5172 R1411	0.370
		1				LS75M72C11	1SBV 01 5172 R1511	0.370
			1			LS75M72L02	1SBV 01 5172 R1302	0.370
				1		LS75M72L20	1SBV 01 5172 R1320	0.370
					1	LS75M72B02	1SBV 01 5172 R1202	0.370

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LS72M62B11

LS72M71B11

LS72M72B11

LS72M..., LS73M... and LS75M... Limit Switches

Metal Casing IP66 - 60 mm Width

LS72M with 3 cable inlets M16 x 1.5 for ISO 16 cable gland.
 LS73M with 3 cable inlets M20 x 1.5 for ISO 20 cable gland.
 LS75M with 3 cable inlets for 1/2" NPT cable gland.

Ordering Details

Contact blocks						Type	Order code	Unit weight kg
B11	D11	C11	L02	L20	B02			Packing
								1 piece

Adjustable ø6 polyamide rod lever

1						LS72M73B11	1SBV 01 4373 R1211	0.390
	1					LS72M73D11	1SBV 01 4373 R1411	0.390
		1				LS72M73C11	1SBV 01 4373 R1511	0.390
			1			LS72M73L02	1SBV 01 4373 R1302	0.390
				1		LS72M73L20	1SBV 01 4373 R1320	0.390
					1	LS72M73B02	1SBV 01 4373 R1202	0.390
1						LS73M73B11	1SBV 01 5273 R1211	0.390
	1					LS73M73D11	1SBV 01 5273 R1411	0.390
		1				LS73M73C11	1SBV 01 5273 R1511	0.390
			1			LS73M73L02	1SBV 01 5273 R1302	0.390
				1		LS73M73L20	1SBV 01 5273 R1320	0.390
					1	LS73M73B02	1SBV 01 5273 R1202	0.390
1						LS75M73B11	1SBV 01 5173 R1211	0.390
	1					LS75M73D11	1SBV 01 5173 R1411	0.390
		1				LS75M73C11	1SBV 01 5173 R1511	0.390
			1			LS75M73L02	1SBV 01 5173 R1302	0.390
				1		LS75M73L20	1SBV 01 5173 R1320	0.390
					1	LS75M73B02	1SBV 01 5173 R1202	0.390

Adjustable ø6 fibre-glass rod lever

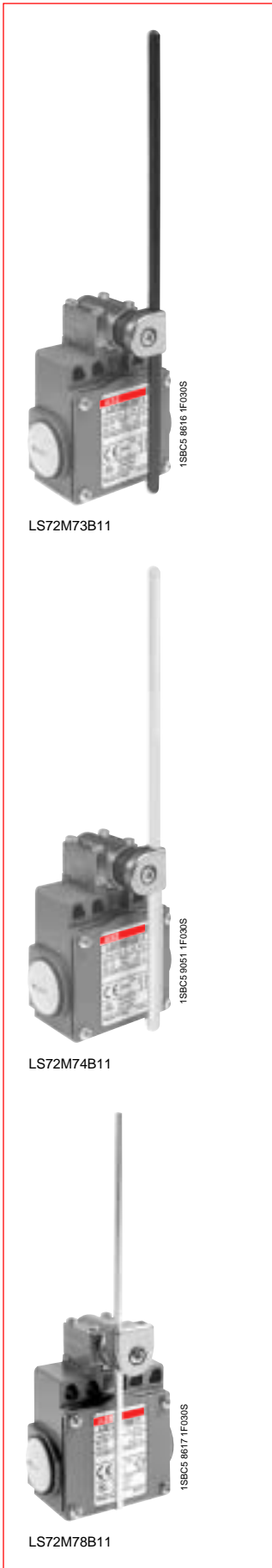
1						LS72M74B11	1SBV 01 4374 R1211	0.390
	1					LS72M74D11	1SBV 01 4374 R1411	0.390
		1				LS72M74C11	1SBV 01 4374 R1511	0.390
			1			LS72M74L02	1SBV 01 4374 R1302	0.390
				1		LS72M74L20	1SBV 01 4374 R1320	0.390
					1	LS72M74B02	1SBV 01 4374 R1202	0.390
1						LS73M74B11	1SBV 01 5274 R1211	0.390
	1					LS73M74D11	1SBV 01 5274 R1411	0.390
		1				LS73M74C11	1SBV 01 5274 R1511	0.390
			1			LS73M74L02	1SBV 01 5274 R1302	0.390
				1		LS73M74L20	1SBV 01 5274 R1320	0.390
					1	LS73M74B02	1SBV 01 5274 R1202	0.390
1						LS75M74B11	1SBV 01 5174 R1211	0.390
	1					LS75M74D11	1SBV 01 5174 R1411	0.390
		1				LS75M74C11	1SBV 01 5174 R1511	0.390
			1			LS75M74L02	1SBV 01 5174 R1302	0.390
				1		LS75M74L20	1SBV 01 5174 R1320	0.390
					1	LS75M74B02	1SBV 01 5174 R1202	0.390

Adjustable ø3 square steel rod lever (zinc-plated)

1						LS72M78B11	1SBV 01 4378 R1211	0.375
	1					LS72M78D11	1SBV 01 4378 R1411	0.375
		1				LS72M78C11	1SBV 01 4378 R1511	0.375
			1			LS72M78L02	1SBV 01 4378 R1302	0.375
				1		LS72M78L20	1SBV 01 4378 R1320	0.375
					1	LS72M78B02	1SBV 01 4378 R1202	0.375
1						LS73M78B11	1SBV 01 5278 R1211	0.375
	1					LS73M78D11	1SBV 01 5278 R1411	0.375
		1				LS73M78C11	1SBV 01 5278 R1511	0.375
			1			LS73M78L02	1SBV 01 5278 R1302	0.375
				1		LS73M78L20	1SBV 01 5278 R1320	0.375
					1	LS73M78B02	1SBV 01 5278 R1202	0.375
1						LS75M78B11	1SBV 01 5178 R1211	0.375
	1					LS75M78D11	1SBV 01 5178 R1411	0.375
		1				LS75M78C11	1SBV 01 5178 R1511	0.375
			1			LS75M78L02	1SBV 01 5178 R1302	0.375
				1		LS75M78L20	1SBV 01 5178 R1320	0.375
					1	LS75M78B02	1SBV 01 5178 R1202	0.375

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LS72M..., LS73M... and LS75M... Limit Switches

Metal Casing IP66 - 60 mm Width

LS72M with 3 cable inlets M16 x 1.5 for ISO 16 cable gland.
 LS73M with 3 cable inlets M20 x 1.5 for ISO 20 cable gland.
 LS75M with 3 cable inlets for 1/2" NPT cable gland.

Ordering Details

Contact blocks						Type	Order code	Unit weight kg Packing 1 piece
B11	D11	C11	L02	L20	B02			

Spring rod

1						LS72M91B11	1SBV 01 4391 R1211	0.315
	1					LS72M91D11	1SBV 01 4391 R1411	0.315
		1				LS72M91C11	1SBV 01 4391 R1511	0.315
			1			LS72M91L02	1SBV 01 4391 R1302	0.315
				1		LS72M91L20	1SBV 01 4391 R1320	0.315
					1	LS72M91B02	1SBV 01 4391 R1202	0.315
1						LS73M91B11	1SBV 01 5291 R1211	0.315
	1					LS73M91D11	1SBV 01 5291 R1411	0.315
		1				LS73M91C11	1SBV 01 5291 R1511	0.315
			1			LS73M91L02	1SBV 01 5291 R1302	0.315
				1		LS73M91L20	1SBV 01 5291 R1320	0.315
					1	LS73M91B02	1SBV 01 5291 R1202	0.315
1						LS75M91B11	1SBV 01 5191 R1211	0.315
	1					LS75M91D11	1SBV 01 5191 R1411	0.315
		1				LS75M91C11	1SBV 01 5191 R1511	0.315
			1			LS75M91L02	1SBV 01 5191 R1302	0.315
				1		LS75M91L20	1SBV 01 5191 R1320	0.315
					1	LS75M91B02	1SBV 01 5191 R1202	0.315

Flexible rod with insulated end

1						LS72M92B11	1SBV 01 4392 R1211	0.320
	1					LS72M92D11	1SBV 01 4392 R1411	0.320
		1				LS72M92C11	1SBV 01 4392 R1511	0.320
			1			LS72M92L02	1SBV 01 4392 R1302	0.320
				1		LS72M92L20	1SBV 01 4392 R1320	0.320
					1	LS72M92B02	1SBV 01 4392 R1202	0.320
1						LS73M92B11	1SBV 01 5292 R1211	0.320
	1					LS73M92D11	1SBV 01 5292 R1411	0.320
		1				LS73M92C11	1SBV 01 5292 R1511	0.320
			1			LS73M92L02	1SBV 01 5292 R1302	0.320
				1		LS73M92L20	1SBV 01 5292 R1320	0.320
					1	LS73M92B02	1SBV 01 5292 R1202	0.320
1						LS75M92B11	1SBV 01 5192 R1211	0.320
	1					LS75M92D11	1SBV 01 5192 R1411	0.320
		1				LS75M92C11	1SBV 01 5192 R1511	0.320
			1			LS75M92L02	1SBV 01 5192 R1302	0.320
				1		LS75M92L20	1SBV 01 5192 R1320	0.320
					1	LS75M92B02	1SBV 01 5192 R1202	0.320

Pull action with ring

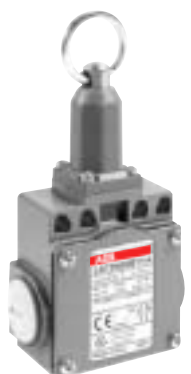
1						LS72M98B11-A	1SBV 01 4398 R1211	0.350
	1					LS72M98D11-A	1SBV 01 4398 R1411	0.350
			1			LS72M98L02-A	1SBV 01 4398 R1302	0.350
				1		LS72M98L20-A	1SBV 01 4398 R1320	0.350
1						LS73M98B11-A	1SBV 01 5298 R1211	0.350
	1					LS73M98D11-A	1SBV 01 5298 R1411	0.350
			1			LS73M98L02-A	1SBV 01 5298 R1302	0.350
				1		LS73M98L20-A	1SBV 01 5298 R1320	0.350
1						LS75M98B11-A	1SBV 01 5198 R1211	0.350
	1					LS75M98D11-A	1SBV 01 5198 R1411	0.350
			1			LS75M98L02-A	1SBV 01 5198 R1302	0.350
				1		LS75M98L20-A	1SBV 01 5198 R1320	0.350



LS72M91B11



LS72M92B11



LS72M98B11-A

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



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LS72P..., LS73P... and LS75P... Limit Switches

Double Insulation - Plastic Casing IP65 - 60 mm Width

LS72P with 2 cable inlets M16 x 1.5 for ISO 16 cable gland.
 LS73P with 2 cable inlets M20 x 1.5 for ISO 20 cable gland.
 LS75P with 1 cable inlet by 1/2" NPT plastic adaptor + 1 cable inlet Pg11 for additional 1/2" NPT plastic adaptor (on request).

Ordering Details

Contact blocks						Type	Order code	Unit weight kg Packing 1 piece
								
B11	D11	C11	L02	L20	B02			

Plastic plain plunger (polyacetal)

1						LS72P10B11	1SBV 01 1010 R1211	0.095
	1					LS72P10D11	1SBV 01 1010 R1411	0.095
		1				LS72P10C11	1SBV 01 1010 R1511	0.095
			1			LS72P10L02	1SBV 01 1010 R1302	0.095
				1		LS72P10L20	1SBV 01 1010 R1320	0.095
					1	LS72P10B02	1SBV 01 1010 R1202	0.095
1						LS73P10B11	1SBV 01 2810 R1211	0.095
	1					LS73P10D11	1SBV 01 2810 R1411	0.095
		1				LS73P10C11	1SBV 01 2810 R1511	0.095
			1			LS73P10L02	1SBV 01 2810 R1302	0.095
				1		LS73P10L20	1SBV 01 2810 R1320	0.095
					1	LS73P10B02	1SBV 01 2810 R1202	0.095
1						LS75P10B11	1SBV 01 2710 R1211	0.102
	1					LS75P10D11	1SBV 01 2710 R1411	0.102
		1				LS75P10C11	1SBV 01 2710 R1511	0.102
			1			LS75P10L02	1SBV 01 2710 R1302	0.102
				1		LS75P10L20	1SBV 01 2710 R1320	0.102
					1	LS75P10B02	1SBV 01 2710 R1202	0.102

Steel plain plunger (zinc-plated)

1						LS72P11B11	1SBV 01 1011 R1211	0.100
	1					LS72P11D11	1SBV 01 1011 R1411	0.100
		1				LS72P11C11	1SBV 01 1011 R1511	0.100
			1			LS72P11L02	1SBV 01 1011 R1302	0.100
				1		LS72P11L20	1SBV 01 1011 R1320	0.100
					1	LS72P11B02	1SBV 01 1011 R1202	0.100
1						LS73P11B11	1SBV 01 2811 R1211	0.100
	1					LS73P11D11	1SBV 01 2811 R1411	0.100
		1				LS73P11C11	1SBV 01 2811 R1511	0.100
			1			LS73P11L02	1SBV 01 2811 R1302	0.100
				1		LS73P11L20	1SBV 01 2811 R1320	0.100
					1	LS73P11B02	1SBV 01 2811 R1202	0.100
1						LS75P11B11	1SBV 01 2711 R1211	0.107
	1					LS75P11D11	1SBV 01 2711 R1411	0.107
		1				LS75P11C11	1SBV 01 2711 R1511	0.107
			1			LS75P11L02	1SBV 01 2711 R1302	0.107
				1		LS75P11L20	1SBV 01 2711 R1320	0.107
					1	LS75P11B02	1SBV 01 2711 R1202	0.107

ø11 steel roller plunger (zinc-plated)

1						LS72P12B11	1SBV 01 1012 R1211	0.105
	1					LS72P12D11	1SBV 01 1012 R1411	0.105
		1				LS72P12C11	1SBV 01 1012 R1511	0.105
			1			LS72P12L02	1SBV 01 1012 R1302	0.105
				1		LS72P12L20	1SBV 01 1012 R1320	0.105
					1	LS72P12B02	1SBV 01 1012 R1202	0.105
1						LS73P12B11	1SBV 01 2812 R1211	0.105
	1					LS73P12D11	1SBV 01 2812 R1411	0.105
		1				LS73P12C11	1SBV 01 2812 R1511	0.105
			1			LS73P12L02	1SBV 01 2812 R1302	0.105
				1		LS73P12L20	1SBV 01 2812 R1320	0.105
					1	LS73P12B02	1SBV 01 2812 R1202	0.105
1						LS75P12B11	1SBV 01 2712 R1211	0.112
	1					LS75P12D11	1SBV 01 2712 R1411	0.112
		1				LS75P12C11	1SBV 01 2712 R1511	0.112
			1			LS75P12L02	1SBV 01 2712 R1302	0.112
				1		LS75P12L20	1SBV 01 2712 R1320	0.112
					1	LS75P12B02	1SBV 01 2712 R1202	0.112

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LS72P10B11

1SBC5 8686 1F0305



LS72P11B11

1SBC5 8686 1F0305



LS72P12B11

1SBC5 9002 1F0305

LS72P..., LS73P... and LS75P... Limit Switches

Double Insulation - Plastic Casing IP65 - 60 mm Width

LS72P with 2 cable inlets M16 x 1.5 for ISO 16 cable gland.
 LS73P with 2 cable inlets M20 x 1.5 for ISO 20 cable gland.
 LS75P with 1 cable inlet by 1/2" NPT plastic adaptor + 1 cable inlet Pg11 for additional 1/2" NPT plastic adaptor (on request).

Ordering Details

Contact blocks						Type	Order code	Unit weight kg Packing 1 piece
B11	D11	C11	L02	L20	B02			

ø11 plastic (polyacetal) roller plunger

1						LS72P13B11	1SBV 01 1013 R1211	0.100
	1					LS72P13D11	1SBV 01 1013 R1411	0.100
		1				LS72P13C11	1SBV 01 1013 R1511	0.100
			1			LS72P13L02	1SBV 01 1013 R1302	0.100
				1		LS72P13L20	1SBV 01 1013 R1320	0.100
					1	LS72P13B02	1SBV 01 1013 R1202	0.100
1						LS73P13B11	1SBV 01 2813 R1211	0.100
	1					LS73P13D11	1SBV 01 2813 R1411	0.100
		1				LS73P13C11	1SBV 01 2813 R1511	0.100
			1			LS73P13L02	1SBV 01 2813 R1302	0.100
				1		LS73P13L20	1SBV 01 2813 R1320	0.100
					1	LS73P13B02	1SBV 01 2813 R1202	0.100
1						LS75P13B11	1SBV 01 2713 R1211	0.107
	1					LS75P13D11	1SBV 01 2713 R1411	0.107
		1				LS75P13C11	1SBV 01 2713 R1511	0.107
			1			LS75P13L02	1SBV 01 2713 R1302	0.107
				1		LS75P13L20	1SBV 01 2713 R1320	0.107
					1	LS75P13B02	1SBV 01 2713 R1202	0.107

ø12.5 plastic (polyacetal) roller lever on plastic (polyacetal) plunger

1						LS72P30B11	1SBV 01 1030 R1211	0.100
	1					LS72P30D11	1SBV 01 1030 R1411	0.100
		1				LS72P30C11	1SBV 01 1030 R1511	0.100
			1			LS72P30L02	1SBV 01 1030 R1302	0.100
				1		LS72P30L20	1SBV 01 1030 R1320	0.100
					1	LS72P30B02	1SBV 01 1030 R1202	0.100
1						LS73P30B11	1SBV 01 2830 R1211	0.100
	1					LS73P30D11	1SBV 01 2830 R1411	0.100
		1				LS73P30C11	1SBV 01 2830 R1511	0.100
			1			LS73P30L02	1SBV 01 2830 R1302	0.100
				1		LS73P30L20	1SBV 01 2830 R1320	0.100
					1	LS73P30B02	1SBV 01 2830 R1202	0.100
1						LS75P30B11	1SBV 01 2730 R1211	0.107
	1					LS75P30D11	1SBV 01 2730 R1411	0.107
		1				LS75P30C11	1SBV 01 2730 R1511	0.107
			1			LS75P30L02	1SBV 01 2730 R1302	0.107
				1		LS75P30L20	1SBV 01 2730 R1320	0.107
					1	LS75P30B02	1SBV 01 2730 R1202	0.107

ø12.5 plastic (polyacetal) roller lever on steel plunger (zinc-plated)

1						LS72P31B11	1SBV 01 1031 R1211	0.105
	1					LS72P31D11	1SBV 01 1031 R1411	0.105
		1				LS72P31C11	1SBV 01 1031 R1511	0.105
			1			LS72P31L02	1SBV 01 1031 R1302	0.105
				1		LS72P31L20	1SBV 01 1031 R1320	0.105
					1	LS72P31B02	1SBV 01 1031 R1202	0.105
1						LS73P31B11	1SBV 01 2831 R1211	0.105
	1					LS73P31D11	1SBV 01 2831 R1411	0.105
		1				LS73P31C11	1SBV 01 2831 R1511	0.105
			1			LS73P31L02	1SBV 01 2831 R1302	0.105
				1		LS73P31L20	1SBV 01 2831 R1320	0.105
					1	LS73P31B02	1SBV 01 2831 R1202	0.105
1						LS75P31B11	1SBV 01 2731 R1211	0.112
	1					LS75P31D11	1SBV 01 2731 R1411	0.112
		1				LS75P31C11	1SBV 01 2731 R1511	0.112
			1			LS75P31L02	1SBV 01 2731 R1302	0.112
				1		LS75P31L20	1SBV 01 2731 R1320	0.112
					1	LS75P31B02	1SBV 01 2731 R1202	0.112

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LS72P13B11

1SB05 8697 1F030S



LS72P30B11

1SB05 8698 1F030S



LS72P31B11

1SB05 8699 1F030S

LS72P..., LS73P... and LS75P... Limit Switches

Double Insulation - Plastic Casing IP65 - 60 mm Width

LS72P with 2 cable inlets M16 x 1.5 for ISO 16 cable gland.
 LS73P with 2 cable inlets M20 x 1.5 for ISO 20 cable gland.
 LS75P with 1 cable inlet by 1/2" NPT plastic adaptor + 1 cable inlet Pg11 for additional 1/2" NPT plastic adaptor (on request).

Ordering Details

Contact blocks						Type	Order code	Unit weight kg
B11	D11	C11	L02	L20	B02			Packing 1 piece

ø12.5 plastic (polyacetal) roller lever on steel plunger (zinc-plated) with dust production cup

1						LS72P35B11	1SBV 01 1035 R1211	0.105
	1					LS72P35D11	1SBV 01 1035 R1411	0.105
		1				LS72P35C11	1SBV 01 1035 R1511	0.105
			1			LS72P35L02	1SBV 01 1035 R1302	0.105
				1		LS72P35L20	1SBV 01 1035 R1320	0.105
					1	LS72P35B02	1SBV 01 1035 R1202	0.105
1						LS73P35B11	1SBV 01 2835 R1211	0.105
	1					LS73P35D11	1SBV 01 2835 R1411	0.105
		1				LS73P35C11	1SBV 01 2835 R1511	0.105
			1			LS73P35L02	1SBV 01 2835 R1302	0.105
				1		LS73P35L20	1SBV 01 2835 R1320	0.105
					1	LS73P35B02	1SBV 01 2835 R1202	0.105
1						LS75P35B11	1SBV 01 2735 R1211	0.112
	1					LS75P35D11	1SBV 01 2735 R1411	0.112
		1				LS75P35C11	1SBV 01 2735 R1511	0.112
			1			LS75P35L02	1SBV 01 2735 R1302	0.112
				1		LS75P35L20	1SBV 01 2735 R1320	0.112
					1	LS75P35B02	1SBV 01 2735 R1202	0.112

Adjustable ø22 plastic (polyacetal) roller lever on steel plunger (zinc-plated)

1						LS72P38B11	1SBV 01 1038 R1211	0.110
	1					LS72P38D11	1SBV 01 1038 R1411	0.110
		1				LS72P38C11	1SBV 01 1038 R1511	0.110
			1			LS72P38L02	1SBV 01 1038 R1302	0.110
				1		LS72P38L20	1SBV 01 1038 R1320	0.110
					1	LS72P38B02	1SBV 01 1038 R1202	0.110
1						LS73P38B11	1SBV 01 2838 R1211	0.110
	1					LS73P38D11	1SBV 01 2838 R1411	0.110
		1				LS73P38C11	1SBV 01 2838 R1511	0.110
			1			LS73P38L02	1SBV 01 2838 R1302	0.110
				1		LS73P38L20	1SBV 01 2838 R1320	0.110
					1	LS73P38B02	1SBV 01 2838 R1202	0.110
1						LS75P38B11	1SBV 01 2738 R1211	0.117
	1					LS75P38D11	1SBV 01 2738 R1411	0.117
		1				LS75P38C11	1SBV 01 2738 R1511	0.117
			1			LS75P38L02	1SBV 01 2738 R1302	0.117
				1		LS75P38L20	1SBV 01 2738 R1320	0.117
					1	LS75P38B02	1SBV 01 2738 R1202	0.117

ø18 plastic (polyacetal) roller lever

1						LS72P41B11	1SBV 01 1041 R1211	0.125
	1					LS72P41D11	1SBV 01 1041 R1411	0.125
		1				LS72P41C11	1SBV 01 1041 R1511	0.125
			1			LS72P41L02	1SBV 01 1041 R1302	0.125
				1		LS72P41L20	1SBV 01 1041 R1320	0.125
					1	LS72P41B02	1SBV 01 1041 R1202	0.125
1						LS73P41B11	1SBV 01 2841 R1211	0.125
	1					LS73P41D11	1SBV 01 2841 R1411	0.125
		1				LS73P41C11	1SBV 01 2841 R1511	0.125
			1			LS73P41L02	1SBV 01 2841 R1302	0.125
				1		LS73P41L20	1SBV 01 2841 R1320	0.125
					1	LS73P41B02	1SBV 01 2841 R1202	0.125
1						LS75P41B11	1SBV 01 2741 R1211	0.132
	1					LS75P41D11	1SBV 01 2741 R1411	0.132
		1				LS75P41C11	1SBV 01 2741 R1511	0.132
			1			LS75P41L02	1SBV 01 2741 R1302	0.132
				1		LS75P41L20	1SBV 01 2741 R1320	0.132
					1	LS75P41B02	1SBV 01 2741 R1202	0.132

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LS72P35B11



LS72P38B11









LS72P41B11

LS72P..., LS73P... and LS75P... Limit Switches

Double Insulation - Plastic Casing IP65 - 60 mm Width

LS72P with 2 cable inlets M16 x 1.5 for ISO 16 cable gland.
 LS73P with 2 cable inlets M20 x 1.5 for ISO 20 cable gland.
 LS75P with 1 cable inlet by 1/2" NPT plastic adaptor + 1 cable inlet Pg11 for additional 1/2" NPT plastic adaptor (on request).

Ordering Details

Contact blocks						Type	Order code	Unit weight kg Packing 1 piece
								
B11	D11	C11	L02	L20	B02			

ø50 rubber roller lever

1						LS72P42B11	1SBV 01 1042 R1211	0.145
	1					LS72P42D11	1SBV 01 1042 R1411	0.145
		1				LS72P42C11	1SBV 01 1042 R1511	0.145
			1			LS72P42L02	1SBV 01 1042 R1302	0.145
				1		LS72P42L20	1SBV 01 1042 R1320	0.145
					1	LS72P42B02	1SBV 01 1042 R1202	0.145
1						LS73P42B11	1SBV 01 2842 R1211	0.145
	1					LS73P42D11	1SBV 01 2842 R1411	0.145
		1				LS73P42C11	1SBV 01 2842 R1511	0.145
			1			LS73P42L02	1SBV 01 2842 R1302	0.145
				1		LS73P42L20	1SBV 01 2842 R1320	0.145
					1	LS73P42B02	1SBV 01 2842 R1202	0.145
1						LS75P42B11	1SBV 01 2742 R1211	0.152
	1					LS75P42D11	1SBV 01 2742 R1411	0.152
		1				LS75P42C11	1SBV 01 2742 R1511	0.152
			1			LS75P42L02	1SBV 01 2742 R1302	0.152
				1		LS75P42L20	1SBV 01 2742 R1320	0.152
					1	LS75P42B02	1SBV 01 2742 R1202	0.152

ø18 steel roller lever (zinc-plated)

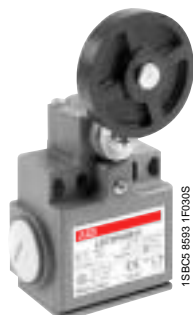
1						LS72P43B11	1SBV 01 1043 R1211	0.130
	1					LS72P43D11	1SBV 01 1043 R1411	0.130
		1				LS72P43C11	1SBV 01 1043 R1511	0.130
			1			LS72P43L02	1SBV 01 1043 R1302	0.130
				1		LS72P43L20	1SBV 01 1043 R1320	0.130
					1	LS72P43B02	1SBV 01 1043 R1202	0.130
1						LS73P43B11	1SBV 01 2843 R1211	0.130
	1					LS73P43D11	1SBV 01 2843 R1411	0.130
		1				LS73P43C11	1SBV 01 2843 R1511	0.130
			1			LS73P43L02	1SBV 01 2843 R1302	0.130
				1		LS73P43L20	1SBV 01 2843 R1320	0.130
					1	LS73P43B02	1SBV 01 2843 R1202	0.130
1						LS75P43B11	1SBV 01 2743 R1211	0.137
	1					LS75P43D11	1SBV 01 2743 R1411	0.137
		1				LS75P43C11	1SBV 01 2743 R1511	0.137
			1			LS75P43L02	1SBV 01 2743 R1302	0.137
				1		LS75P43L20	1SBV 01 2743 R1320	0.137
					1	LS75P43B02	1SBV 01 2743 R1202	0.137

ø18 plastic (polyacetal) roller with bent lever

1						LS72P45B11	1SBV 01 1045 R1211	0.125
	1					LS72P45D11	1SBV 01 1045 R1411	0.125
		1				LS72P45C11	1SBV 01 1045 R1511	0.125
			1			LS72P45L02	1SBV 01 1045 R1302	0.125
				1		LS72P45L20	1SBV 01 1045 R1320	0.125
					1	LS72P45B02	1SBV 01 1045 R1202	0.125
1						LS73P45B11	1SBV 01 2845 R1211	0.125
	1					LS73P45D11	1SBV 01 2845 R1411	0.125
		1				LS73P45C11	1SBV 01 2845 R1511	0.125
			1			LS73P45L02	1SBV 01 2845 R1302	0.125
				1		LS73P45L20	1SBV 01 2845 R1320	0.125
					1	LS73P45B02	1SBV 01 2845 R1202	0.125
1						LS75P45B11	1SBV 01 2745 R1211	0.132
	1					LS75P45D11	1SBV 01 2745 R1411	0.132
		1				LS75P45C11	1SBV 01 2745 R1511	0.132
			1			LS75P45L02	1SBV 01 2745 R1302	0.132
				1		LS75P45L20	1SBV 01 2745 R1320	0.132
					1	LS75P45B02	1SBV 01 2745 R1202	0.132

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LS72P42B11



LS72P43B11



LS72P45B11

LS72P..., LS73P... and LS75P... Limit Switches

Double Insulation - Plastic Casing IP65 - 60 mm Width

LS72P with 2 cable inlets M16 x 1.5 for ISO 16 cable gland.
 LS73P with 2 cable inlets M20 x 1.5 for ISO 20 cable gland.
 LS75P with 1 cable inlet by 1/2" NPT plastic adaptor + 1 cable inlet Pg11 for additional 1/2" NPT plastic adaptor (on request).

Ordering Details

Contact blocks						Type	Order code	Unit weight kg
B11	D11	C11	L02	L20	B02			Packing 1 piece

ø18 steel roller (zinc-plated) with bent lever

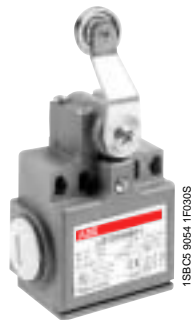
1						LS72P46B11	1SBV 01 1046 R1211	0.130
	1					LS72P46D11	1SBV 01 1046 R1411	0.130
		1				LS72P46C11	1SBV 01 1046 R1511	0.130
			1			LS72P46L02	1SBV 01 1046 R1302	0.130
				1		LS72P46L20	1SBV 01 1046 R1320	0.130
					1	LS72P46B02	1SBV 01 1046 R1202	0.130
1						LS73P46B11	1SBV 01 2846 R1211	0.130
	1					LS73P46D11	1SBV 01 2846 R1411	0.130
		1				LS73P46C11	1SBV 01 2846 R1511	0.130
			1			LS73P46L02	1SBV 01 2846 R1302	0.130
				1		LS73P46L20	1SBV 01 2846 R1320	0.130
					1	LS73P46B02	1SBV 01 2846 R1202	0.130
1						LS75P46B11	1SBV 01 2746 R1211	0.137
	1					LS75P46D11	1SBV 01 2746 R1411	0.137
		1				LS75P46C11	1SBV 01 2746 R1511	0.137
			1			LS75P46L02	1SBV 01 2746 R1302	0.137
				1		LS75P46L20	1SBV 01 2746 R1320	0.137
					1	LS75P46B02	1SBV 01 2746 R1202	0.137

Adjustable ø18 plastic (polyacetal) roller lever

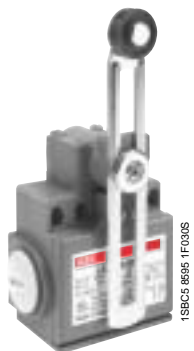
1						LS72P51B11	1SBV 01 1051 R1211	0.135
	1					LS72P51D11	1SBV 01 1051 R1411	0.135
		1				LS72P51C11	1SBV 01 1051 R1511	0.135
			1			LS72P51L02	1SBV 01 1051 R1302	0.135
				1		LS72P51L20	1SBV 01 1051 R1320	0.135
					1	LS72P51B02	1SBV 01 1051 R1202	0.135
1						LS73P51B11	1SBV 01 2851 R1211	0.135
	1					LS73P51D11	1SBV 01 2851 R1411	0.135
		1				LS73P51C11	1SBV 01 2851 R1511	0.135
			1			LS73P51L02	1SBV 01 2851 R1302	0.135
				1		LS73P51L20	1SBV 01 2851 R1320	0.135
					1	LS73P51B02	1SBV 01 2851 R1202	0.135
1						LS75P51B11	1SBV 01 2751 R1211	0.142
	1					LS75P51D11	1SBV 01 2751 R1411	0.142
		1				LS75P51C11	1SBV 01 2751 R1511	0.142
			1			LS75P51L02	1SBV 01 2751 R1302	0.142
				1		LS75P51L20	1SBV 01 2751 R1320	0.142
					1	LS75P51B02	1SBV 01 2751 R1202	0.142

Adjustable ø50 rubber roller lever

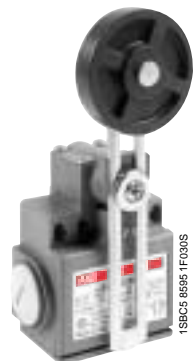
1						LS72P52B11	1SBV 01 1052 R1211	0.155
	1					LS72P52D11	1SBV 01 1052 R1411	0.155
		1				LS72P52C11	1SBV 01 1052 R1511	0.155
			1			LS72P52L02	1SBV 01 1052 R1302	0.155
				1		LS72P52L20	1SBV 01 1052 R1320	0.155
					1	LS72P52B02	1SBV 01 1052 R1202	0.155
1						LS73P52B11	1SBV 01 2852 R1211	0.155
	1					LS73P52D11	1SBV 01 2852 R1411	0.155
		1				LS73P52C11	1SBV 01 2852 R1511	0.155
			1			LS73P52L02	1SBV 01 2852 R1302	0.155
				1		LS73P52L20	1SBV 01 2852 R1320	0.155
					1	LS73P52B02	1SBV 01 2852 R1202	0.155
1						LS75P52B11	1SBV 01 2752 R1211	0.162
	1					LS75P52D11	1SBV 01 2752 R1411	0.162
		1				LS75P52C11	1SBV 01 2752 R1511	0.162
			1			LS75P52L02	1SBV 01 2752 R1302	0.162
				1		LS75P52L20	1SBV 01 2752 R1320	0.162
					1	LS75P52B02	1SBV 01 2752 R1202	0.162



LS72P46B11



LS72P51B11



LS72P52B11

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LS72P..., LS73P... and LS75P... Limit Switches

Double Insulation - Plastic Casing IP65 - 60 mm Width

LS72P with 2 cable inlets M16 x 1.5 for ISO 16 cable gland.
 LS73P with 2 cable inlets M20 x 1.5 for ISO 20 cable gland.
 LS75P with 1 cable inlet by 1/2" NPT plastic adaptor + 1 cable inlet Pg11 for additional 1/2" NPT plastic adaptor (on request).

Ordering Details

Contact blocks						Type	Order code	Unit weight kg
								Packing 1 piece
B11	D11	C11	L02	L20	B02			

Adjustable ø18 steel roller (zinc-plated) lever

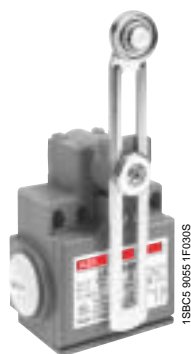
1						LS72P53B11	1SBV 01 1053 R1211	0.140
	1					LS72P53D11	1SBV 01 1053 R1411	0.140
		1				LS72P53C11	1SBV 01 1053 R1511	0.140
			1			LS72P53L02	1SBV 01 1053 R1302	0.140
				1		LS72P53L20	1SBV 01 1053 R1320	0.140
					1	LS72P53B02	1SBV 01 1053 R1202	0.140
1						LS73P53B11	1SBV 01 2853 R1211	0.140
	1					LS73P53D11	1SBV 01 2853 R1411	0.140
		1				LS73P53C11	1SBV 01 2853 R1511	0.140
			1			LS73P53L02	1SBV 01 2853 R1302	0.140
				1		LS73P53L20	1SBV 01 2853 R1320	0.140
					1	LS73P53B02	1SBV 01 2853 R1202	0.140
1						LS75P53B11	1SBV 01 2753 R1211	0.147
	1					LS75P53D11	1SBV 01 2753 R1411	0.147
		1				LS75P53C11	1SBV 01 2753 R1511	0.147
			1			LS75P53L02	1SBV 01 2753 R1302	0.147
				1		LS75P53L20	1SBV 01 2753 R1320	0.147
					1	LS75P53B02	1SBV 01 2753 R1202	0.147

Adjustable ø3 stainless steel rod lever

1						LS72P71B11	1SBV 01 1071 R1211	0.130
	1					LS72P71D11	1SBV 01 1071 R1411	0.130
		1				LS72P71C11	1SBV 01 1071 R1511	0.130
			1			LS72P71L02	1SBV 01 1071 R1302	0.130
				1		LS72P71L20	1SBV 01 1071 R1320	0.130
					1	LS72P71B02	1SBV 01 1071 R1202	0.130
1						LS73P71B11	1SBV 01 2871 R1211	0.130
	1					LS73P71D11	1SBV 01 2871 R1411	0.130
		1				LS73P71C11	1SBV 01 2871 R1511	0.130
			1			LS73P71L02	1SBV 01 2871 R1302	0.130
				1		LS73P71L20	1SBV 01 2871 R1320	0.130
					1	LS73P71B02	1SBV 01 2871 R1202	0.130
1						LS75P71B11	1SBV 01 2771 R1211	0.137
	1					LS75P71D11	1SBV 01 2771 R1411	0.137
		1				LS75P71C11	1SBV 01 2771 R1511	0.137
			1			LS75P71L02	1SBV 01 2771 R1302	0.137
				1		LS75P71L20	1SBV 01 2771 R1320	0.137
					1	LS75P71B02	1SBV 01 2771 R1202	0.137

Adjustable ø3 fibre-glass rod lever

1						LS72P72B11	1SBV 01 1072 R1211	0.120
	1					LS72P72D11	1SBV 01 1072 R1411	0.120
		1				LS72P72C11	1SBV 01 1072 R1511	0.120
			1			LS72P72L02	1SBV 01 1072 R1302	0.120
				1		LS72P72L20	1SBV 01 1072 R1320	0.120
					1	LS72P72B02	1SBV 01 1072 R1202	0.120
1						LS73P72B11	1SBV 01 2872 R1211	0.120
	1					LS73P72D11	1SBV 01 2872 R1411	0.120
		1				LS73P72C11	1SBV 01 2872 R1511	0.120
			1			LS73P72L02	1SBV 01 2872 R1302	0.120
				1		LS73P72L20	1SBV 01 2872 R1320	0.120
					1	LS73P72B02	1SBV 01 2872 R1202	0.120
1						LS75P72B11	1SBV 01 2772 R1211	0.127
	1					LS75P72D11	1SBV 01 2772 R1411	0.127
		1				LS75P72C11	1SBV 01 2772 R1511	0.127
			1			LS75P72L02	1SBV 01 2772 R1302	0.127
				1		LS75P72L20	1SBV 01 2772 R1320	0.127
					1	LS75P72B02	1SBV 01 2772 R1202	0.127



LS72P53B11

1SBSC5 9065 1F030S



LS72P71B11

1SBSC5 9066 1F030S



LS72P72B11

1SBSC5 9567 1F030S

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





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LS72P..., LS73P... and LS75P... Limit Switches

Double Insulation - Plastic Casing IP65 - 60 mm Width

LS72P with 2 cable inlets M16 x 1.5 for ISO 16 cable gland.
 LS73P with 2 cable inlets M20 x 1.5 for ISO 20 cable gland.
 LS75P with 1 cable inlet by 1/2" NPT plastic adaptor + 1 cable inlet Pg11 for additional 1/2" NPT plastic adaptor (on request).

Ordering Details

Contact blocks						Type	Order code	Unit weight kg
								Packing 1 piece
B11	D11	C11	L02	L20	B02			

Adjustable $\phi 6$ polyamide rod lever

1						LS72P73B11	1SBV 01 1073 R1211	0.145
	1					LS72P73D11	1SBV 01 1073 R1411	0.145
		1				LS72P73C11	1SBV 01 1073 R1511	0.145
			1			LS72P73L02	1SBV 01 1073 R1302	0.145
				1		LS72P73L20	1SBV 01 1073 R1320	0.145
					1	LS72P73B02	1SBV 01 1073 R1202	0.145
1						LS73P73B11	1SBV 01 2873 R1211	0.145
	1					LS73P73D11	1SBV 01 2873 R1411	0.145
		1				LS73P73C11	1SBV 01 2873 R1511	0.145
			1			LS73P73L02	1SBV 01 2873 R1302	0.145
				1		LS73P73L20	1SBV 01 2873 R1320	0.145
					1	LS73P73B02	1SBV 01 2873 R1202	0.145
1						LS75P73B11	1SBV 01 2773 R1211	0.152
	1					LS75P73D11	1SBV 01 2773 R1411	0.152
		1				LS75P73C11	1SBV 01 2773 R1511	0.152
			1			LS75P73L02	1SBV 01 2773 R1302	0.152
				1		LS75P73L20	1SBV 01 2773 R1320	0.152
					1	LS75P73B02	1SBV 01 2773 R1202	0.152

Adjustable $\phi 6$ fibre-glass rod lever

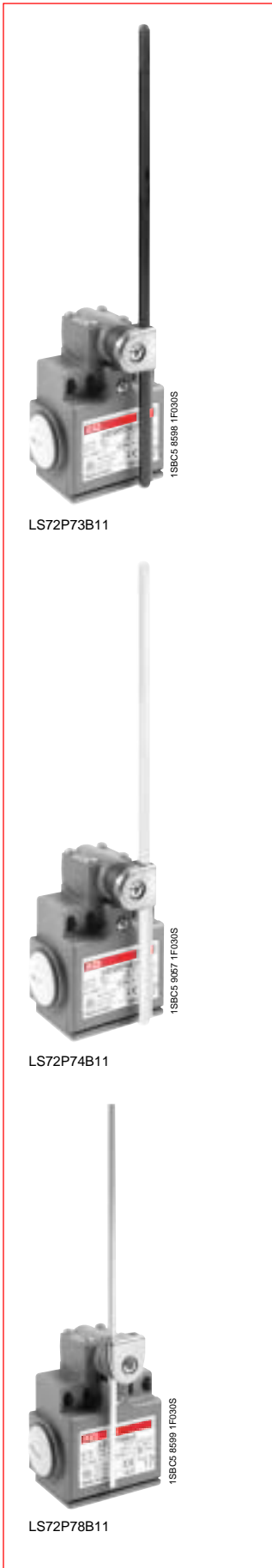
1						LS72P74B11	1SBV 01 1074 R1211	0.145
	1					LS72P74D11	1SBV 01 1074 R1411	0.145
		1				LS72P74C11	1SBV 01 1074 R1511	0.145
			1			LS72P74L02	1SBV 01 1074 R1302	0.145
				1		LS72P74L20	1SBV 01 1074 R1320	0.145
					1	LS72P74B02	1SBV 01 1074 R1202	0.145
1						LS73P74B11	1SBV 01 2874 R1211	0.145
	1					LS73P74D11	1SBV 01 2874 R1411	0.145
		1				LS73P74C11	1SBV 01 2874 R1511	0.145
			1			LS73P74L02	1SBV 01 2874 R1302	0.145
				1		LS73P74L20	1SBV 01 2874 R1320	0.145
					1	LS73P74B02	1SBV 01 2874 R1202	0.145
1						LS75P74B11	1SBV 01 2774 R1211	0.152
	1					LS75P74D11	1SBV 01 2774 R1411	0.152
		1				LS75P74C11	1SBV 01 2774 R1511	0.152
			1			LS75P74L02	1SBV 01 2774 R1302	0.152
				1		LS75P74L20	1SBV 01 2774 R1320	0.152
					1	LS75P74B02	1SBV 01 2774 R1202	0.152

Adjustable $\square 3$ square steel rod lever (zinc-plated)

1						LS72P78B11	1SBV 01 1078 R1211	0.125
	1					LS72P78D11	1SBV 01 1078 R1411	0.125
		1				LS72P78C11	1SBV 01 1078 R1511	0.125
			1			LS72P78L02	1SBV 01 1078 R1302	0.125
				1		LS72P78L20	1SBV 01 1078 R1320	0.125
					1	LS72P78B02	1SBV 01 1078 R1202	0.125
1						LS73P78B11	1SBV 01 2878 R1211	0.125
	1					LS73P78D11	1SBV 01 2878 R1411	0.125
		1				LS73P78C11	1SBV 01 2878 R1511	0.125
			1			LS73P78L02	1SBV 01 2878 R1302	0.125
				1		LS73P78L20	1SBV 01 2878 R1320	0.125
					1	LS73P78B02	1SBV 01 2878 R1202	0.125
1						LS75P78B11	1SBV 01 2778 R1211	0.132
	1					LS75P78D11	1SBV 01 2778 R1411	0.132
		1				LS75P78C11	1SBV 01 2778 R1511	0.132
			1			LS75P78L02	1SBV 01 2778 R1302	0.132
				1		LS75P78L20	1SBV 01 2778 R1320	0.132
					1	LS75P78B02	1SBV 01 2778 R1202	0.132

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LS72P..., LS73P... and LS75P... Limit Switches

Double Insulation - Plastic Casing IP65 - 60 mm Width

LS72P with 2 cable inlets M16 x 1.5 for ISO 16 cable gland.
 LS73P with 2 cable inlets M20 x 1.5 for ISO 20 cable gland.
 LS75P with 1 cable inlet by 1/2" NPT plastic adaptor + 1 cable inlet Pg11 for additional 1/2" NPT plastic adaptor (on request).

Ordering Details

Contact blocks						Type	Order code	Unit weight kg Packing 1 piece
B11	D11	C11	L02	L20	B02			

Spring rod

1						LS72P91B11	1SBV 01 1091 R1211	0.110
	1					LS72P91D11	1SBV 01 1091 R1411	0.110
		1				LS72P91C11	1SBV 01 1091 R1511	0.110
			1			LS72P91L02	1SBV 01 1091 R1302	0.110
				1		LS72P91L20	1SBV 01 1091 R1320	0.110
					1	LS72P91B02	1SBV 01 1091 R1202	0.110
1						LS73P91B11	1SBV 01 2891 R1211	0.110
	1					LS73P91D11	1SBV 01 2891 R1411	0.110
		1				LS73P91C11	1SBV 01 2891 R1511	0.110
			1			LS73P91L02	1SBV 01 2891 R1302	0.110
				1		LS73P91L20	1SBV 01 2891 R1320	0.110
					1	LS73P91B02	1SBV 01 2891 R1202	0.110
1						LS75P91B11	1SBV 01 2791 R1211	0.117
	1					LS75P91D11	1SBV 01 2791 R1411	0.117
		1				LS75P91C11	1SBV 01 2791 R1511	0.117
			1			LS75P91L02	1SBV 01 2791 R1302	0.117
				1		LS75P91L20	1SBV 01 2791 R1320	0.117
					1	LS75P91B02	1SBV 01 2791 R1202	0.117

Flexible rod with insulated end

1						LS72P92B11	1SBV 01 1092 R1211	0.115
	1					LS72P92D11	1SBV 01 1092 R1411	0.115
		1				LS72P92C11	1SBV 01 1092 R1511	0.115
			1			LS72P92L02	1SBV 01 1092 R1302	0.115
				1		LS72P92L20	1SBV 01 1092 R1320	0.115
					1	LS72P92B02	1SBV 01 1092 R1202	0.115
1						LS73P92B11	1SBV 01 2892 R1211	0.115
	1					LS73P92D11	1SBV 01 2892 R1411	0.115
		1				LS73P92C11	1SBV 01 2892 R1511	0.115
			1			LS73P92L02	1SBV 01 2892 R1302	0.115
				1		LS73P92L20	1SBV 01 2892 R1320	0.115
					1	LS73P92B02	1SBV 01 2892 R1202	0.115
1						LS75P92B11	1SBV 01 2792 R1211	0.122
	1					LS75P92D11	1SBV 01 2792 R1411	0.122
		1				LS75P92C11	1SBV 01 2792 R1511	0.122
			1			LS75P92L02	1SBV 01 2792 R1302	0.122
				1		LS75P92L20	1SBV 01 2792 R1320	0.122
					1	LS75P92B02	1SBV 01 2792 R1202	0.122

Pull action with ring

1						LS72P98B11-A	1SBV 01 1098 R1211	0.145
	1					LS72P98D11-A	1SBV 01 1098 R1411	0.145
			1			LS72P98L02-A	1SBV 01 1098 R1302	0.145
				1		LS72P98L20-A	1SBV 01 1098 R1320	0.145
1						LS73P98B11-A	1SBV 01 2898 R1211	0.145
	1					LS73P98D11-A	1SBV 01 2898 R1411	0.145
			1			LS73P98L02-A	1SBV 01 2898 R1302	0.145
				1		LS73P98L20-A	1SBV 01 2898 R1320	0.145
1						LS75P98B11-A	1SBV 01 2798 R1211	0.152
	1					LS75P98D11-A	1SBV 01 2798 R1411	0.152
			1			LS75P98L02-A	1SBV 01 2798 R1302	0.152
				1		LS75P98L20-A	1SBV 01 2798 R1320	0.152



LS72P91B11



LS72P92B11



LS72P98B11-A

Limit Switches

Plastic and Metal Casings

Accessories

*1 piece: minimum order 10 pieces
 10 pieces: 1 packet
 50 pieces: 1 packet



LSA 70X-9004

L01251D



LSA 70X-9005

L01252D



LSR1801

L01248D



LSR1805

L01249D



LSR1605

L01250D

Ordering Details

Type	Order code	Packing pieces	Weight kg 1 packet
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Extension piece for angular motion head

For non-adjustable rollers levers (P40...49 and M40...49)	LSA70X-9004	1SBV 04 8600 R9004	1*	0.007
	LSA70X-9004	1SBV 04 8600 T9004	10	0.050
	LSA70X-9004	1SBV 04 8600 W9004	50	0.210
for flexible or adjustable levers (P50...79 and M41...79)	LSA70X-9005	1SBV 04 8600 R9005	1*	0.007
	LSA70X-9005	1SBV 04 8600 T9005	10	0.050
	LSA70X-9005	1SBV 04 8600 W9005	50	0.210

Cable glands

Pg11 plastic cable gland IP68	LSR1101	1SBV 04 7500 R1101	1*	0.010
	LSR1101	1SBV 04 7500 T1101	10	0.090
	LSR1101	1SBV 04 7500 W1101	50	0.410
Pg13.5 plastic cable gland IP68	LSR1102	1SBV 04 7500 R1102	1*	0.015
	LSR1102	1SBV 04 7500 T1102	10	0.110
	LSR1102	1SBV 04 7500 W1102	50	0.510
ISO 16 plastic cable gland IP68	LSR1103	1SBV 04 7500 R1103	1*	0.010
	LSR1103	1SBV 04 7500 T1103	10	0.090
	LSR1103	1SBV 04 7500 W1103	50	0.410
ISO 20 plastic cable gland IP68	LSR1104	1SBV 04 7500 R1104	1*	0.015
	LSR1104	1SBV 04 7500 T1104	10	0.110
	LSR1104	1SBV 04 7500 W1104	50	0.510

Blanking plugs

Pg11 plastic blanking plug IP66	LSR1801	1SBV 04 7500 R1801	1*	0.007
	LSR1801	1SBV 04 7500 T1801	10	0.050
	LSR1801	1SBV 04 7500 W1801	50	0.210
Pg13.5 plastic blanking plug IP66	LSR1802	1SBV 04 7500 R1802	1*	0.007
	LSR1802	1SBV 04 7500 T1802	10	0.050
	LSR1802	1SBV 04 7500 W1802	50	0.210
ISO16 plastic blanking plug IP66	LSR1803	1SBV 04 7500 R1803	1*	0.007
	LSR1803	1SBV 04 7500 T1803	10	0.050
	LSR1803	1SBV 04 7500 W1803	50	0.210
ISO20 plastic blanking plug IP66	LSR1804	1SBV 04 7500 R1804	1*	0.007
	LSR1804	1SBV 04 7500 T1804	10	0.050
	LSR1804	1SBV 04 7500 W1804	50	0.210
1/2"NPT plastic blanking plug IP66	LSR1805	1SBV 04 7500 R1805	1*	0.007
	LSR1805	1SBV 04 7500 T1805	10	0.050
	LSR1805	1SBV 04 7500 W1805	50	0.210

Thread Adaptors (male/female)

Plastic thread adaptor Pg11 to 1/2"NPT	LSR1305	1SBV 04 7500 R1305	1*	0.007
	LSR1305	1SBV 04 7500 T1305	10	0.070
	LSR1305	1SBV 04 7500 W1305	50	0.350
Brass thread adaptor 1/2"NPT to 1/2"NPT	LSR1605	1SBV 04 7500 R1605	1*	0.035
	LSR1605	1SBV 04 7500 T1605	10	0.350
	LSR1605	1SBV 04 7500 W1605	50	1.750

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Classification by Type

Type	Order Code	Page	Type	Order Code	Page	Type	Order Code	Page
LS32M11...			LS32M45...			LS32M78...		
LS32M11B02	1SBV 01 1911 R1202	52	LS32M45B02	1SBV 01 1945 R1202	55	LS32M78B02	1SBV 01 1978 R1202	58
LS32M11B11	1SBV 01 1911 R1211	52	LS32M45B11	1SBV 01 1945 R1211	55	LS32M78B11	1SBV 01 1978 R1211	58
LS32M11C11	1SBV 01 1911 R1511	52	LS32M45C11	1SBV 01 1945 R1511	55	LS32M78C11	1SBV 01 1978 R1511	58
LS32M11D11	1SBV 01 1911 R1411	52	LS32M45D11	1SBV 01 1945 R1411	55	LS32M78D11	1SBV 01 1978 R1411	58
LS32M11L02	1SBV 01 1911 R1302	52	LS32M45L02	1SBV 01 1945 R1302	55	LS32M78L02	1SBV 01 1978 R1302	58
LS32M11L20	1SBV 01 1911 R1320	52	LS32M45L20	1SBV 01 1945 R1320	55	LS32M78L20	1SBV 01 1978 R1320	58
LS32M12...			LS32M46...			LS32M91...		
LS32M12B02	1SBV 01 1912 R1202	52	LS32M46B02	1SBV 01 1946 R1202	55	LS32M91B02	1SBV 01 1991 R1202	59
LS32M12B11	1SBV 01 1912 R1211	52	LS32M46B11	1SBV 01 1946 R1211	55	LS32M91B11	1SBV 01 1991 R1211	59
LS32M12C11	1SBV 01 1912 R1511	52	LS32M46C11	1SBV 01 1946 R1511	55	LS32M91C11	1SBV 01 1991 R1511	59
LS32M12D11	1SBV 01 1912 R1411	52	LS32M46D11	1SBV 01 1946 R1411	55	LS32M91D11	1SBV 01 1991 R1411	59
LS32M12L02	1SBV 01 1912 R1302	52	LS32M46L02	1SBV 01 1946 R1302	55	LS32M91L02	1SBV 01 1991 R1302	59
LS32M12L20	1SBV 01 1912 R1320	52	LS32M46L20	1SBV 01 1946 R1320	55	LS32M91L20	1SBV 01 1991 R1320	59
LS32M13...			LS32M51...			LS32M92...		
LS32M13B02	1SBV 01 1913 R1202	52	LS32M51B02	1SBV 01 1951 R1202	56	LS32M92B02	1SBV 01 1992 R1202	59
LS32M13B11	1SBV 01 1913 R1211	52	LS32M51B11	1SBV 01 1951 R1211	56	LS32M92B11	1SBV 01 1992 R1211	59
LS32M13C11	1SBV 01 1913 R1511	52	LS32M51C11	1SBV 01 1951 R1511	56	LS32M92C11	1SBV 01 1992 R1511	59
LS32M13D11	1SBV 01 1913 R1411	52	LS32M51D11	1SBV 01 1951 R1411	56	LS32M92D11	1SBV 01 1992 R1411	59
LS32M13L02	1SBV 01 1913 R1302	52	LS32M51L02	1SBV 01 1951 R1302	56	LS32M92L02	1SBV 01 1992 R1302	59
LS32M13L20	1SBV 01 1913 R1320	52	LS32M51L20	1SBV 01 1951 R1320	56	LS32M92L20	1SBV 01 1992 R1320	59
LS32M14...			LS32M52...			LS32M98...		
LS32M14B02	1SBV 01 1914 R1202	53	LS32M52B02	1SBV 01 1952 R1202	56	LS32M98B11-A	1SBV 01 1998 R1211	59
LS32M14B11	1SBV 01 1914 R1211	53	LS32M52B11	1SBV 01 1952 R1211	56	LS32M98D11-A	1SBV 01 1998 R1411	59
LS32M14C11	1SBV 01 1914 R1511	53	LS32M52C11	1SBV 01 1952 R1511	56	LS32M98L02-A	1SBV 01 1998 R1302	59
LS32M14D11	1SBV 01 1914 R1411	53	LS32M52D11	1SBV 01 1952 R1411	56	LS32M98L20-A	1SBV 01 1998 R1320	59
LS32M14L02	1SBV 01 1914 R1302	53	LS32M52L02	1SBV 01 1952 R1302	56			
LS32M14L20	1SBV 01 1914 R1320	53	LS32M52L20	1SBV 01 1952 R1320	56			
LS32M31...			LS32M53...			LS33M11...		
LS32M31B02	1SBV 01 1931 R1202	53	LS32M53B02	1SBV 01 1953 R1202	56	LS33M11B02	1SBV 01 3811 R1202	52
LS32M31B11	1SBV 01 1931 R1211	53	LS32M53B11	1SBV 01 1953 R1211	56	LS33M11B11	1SBV 01 3811 R1211	52
LS32M31C11	1SBV 01 1931 R1511	53	LS32M53C11	1SBV 01 1953 R1511	56	LS33M11C11	1SBV 01 3811 R1511	52
LS32M31D11	1SBV 01 1931 R1411	53	LS32M53D11	1SBV 01 1953 R1411	56	LS33M11D11	1SBV 01 3811 R1411	52
LS32M31L02	1SBV 01 1931 R1302	53	LS32M53L02	1SBV 01 1953 R1302	56	LS33M11L02	1SBV 01 3811 R1302	52
LS32M31L20	1SBV 01 1931 R1320	53	LS32M53L20	1SBV 01 1953 R1320	56	LS33M11L20	1SBV 01 3811 R1320	52
LS32M32...			LS32M55...			LS33M12...		
LS32M32B02	1SBV 01 1932 R1202	53	LS32M55B02	1SBV 01 1955 R1202	57	LS33M12B02	1SBV 01 3812 R1202	52
LS32M32B11	1SBV 01 1932 R1211	53	LS32M55B11	1SBV 01 1955 R1211	57	LS33M12B11	1SBV 01 3812 R1211	52
LS32M32C11	1SBV 01 1932 R1511	53	LS32M55C11	1SBV 01 1955 R1511	57	LS33M12C11	1SBV 01 3812 R1511	52
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LS73M45C11	1SBV 01 5245 R1511	63	LS73M74C11	1SBV 01 5274 R1511	66	LS73P31C11	1SBV 01 2831 R1511	69
LS73M45D11	1SBV 01 5245 R1411	63	LS73M74D11	1SBV 01 5274 R1411	66	LS73P31D11	1SBV 01 2831 R1411	69
LS73M45L02	1SBV 01 5245 R1302	63	LS73M74L02	1SBV 01 5274 R1302	66	LS73P31L02	1SBV 01 2831 R1302	69
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LS73P35D11	1SBV 01 2835 R1411	70	LS73P71D11	1SBV 01 2871 R1411	73	LS75M13D11	1SBV 01 5113 R1411	60
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LS73P38C11	1SBV 01 2838 R1511	70	LS73P72C11	1SBV 01 2872 R1511	73	LS75M31C11	1SBV 01 5131 R1511	61
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