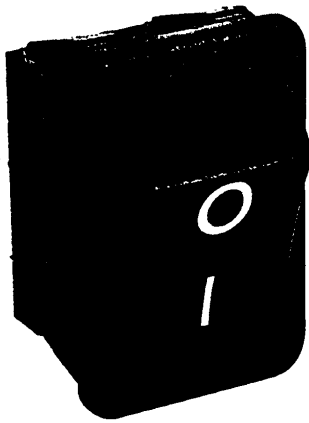


242-8227032

High Inrush Switches 150A to IEC 65



C1350AB with 0.1 printing

To create a catalogue number:

Refer to the 4 columns below, shaded in grey, starting with "Terminal Code."

Examples of 7 digit catalogue numbers are given under the illustrations opposite. Then describe in words:

Rocker colour, Body colour, Matt or gloss finish, Rocker printing, Voltage (for illuminated units, 100/125V marked 110V, or 200/250V marked 230V).

Illuminated switches are available with red, amber, green or clear lenses/rockers.

All switches have 3mm gap.

All switches suitable for class II appliances.

Full technical data for this product range will be found on pages 24 and 25.



Ⓢ 150A Inrush to IEC65

16(4)A 250Vac T85

On/Off only: 16(6) T125+++

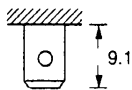
UL CSA 20A 250Vac

UL 250Vac 1hp 125Vac 1/2hp

UL file no. E45221

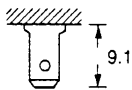
▶ TERMINAL CODE ▶

C



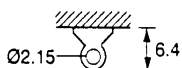
6.3 x 0.8
Tab terminal

H



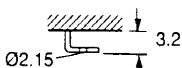
4.8 x 0.8
Tab terminal

T



Solder tag

U

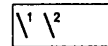


Solder tag
SP only

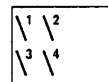
SWITCH FUNCTION CODE

1300 ♦
16(6) T125+++

Single pole
ON/OFF



Ratings vary with function



1350 ♦
16(6) T125+++

Double pole
ON/OFF



1353 ♦
16(4) T85

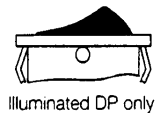
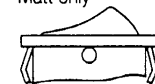
Double pole
ON/OFF
with light



▶ ROCKER CODE

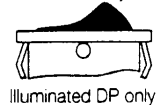
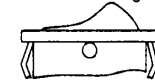
A

Softline
Matt only



V

Curved
Consult us for gloss/matt availability



P

Illuminated window
Matt only



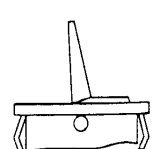
X

Softline
2 colour Rocker
Matt only



J

Lever
DP only Gloss only



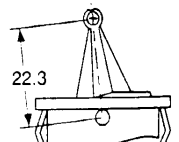
L

Lever
DP only Gloss only



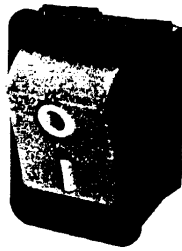
K

Lever
DP only
Matt only





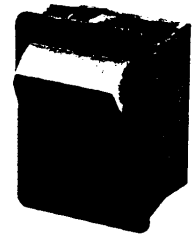
T1300AA Solder terminal, single pole on/off switch, A rocker, A body.



C1350AB 6.3 terminal, on/off switch, A rocker, B body, printed 0/1.



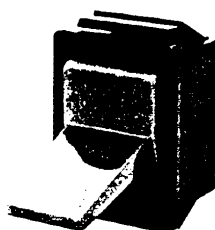
C1353AB 6.3 terminal illuminated on/off switch, A rocker, B body.



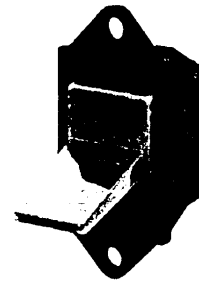
H1350XT 4.8 terminal, on/off switch, 2 colour X style rocker, T body.



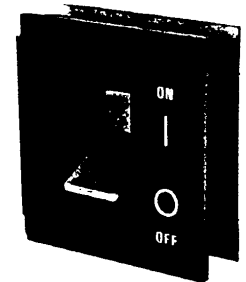
C1350KQ 6.3 terminal, on/off switch, K claw lever, Q body.



C1350JQ 6.3 terminal, on/off switch, J lever, Q body.



C1350JS 6.3 terminal, on/off switch, J lever, S body.



Example of possible J lever application.

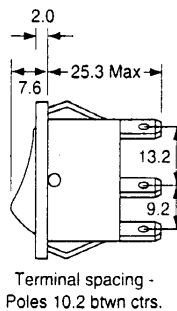
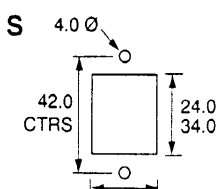
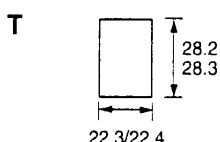
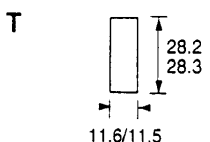
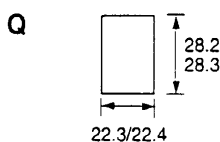
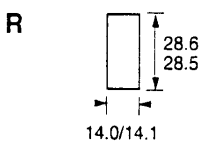
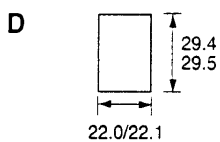
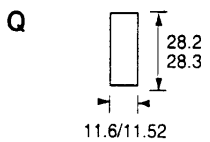
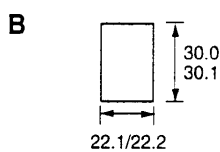
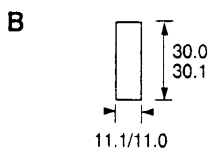
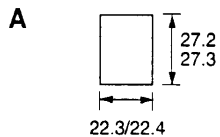
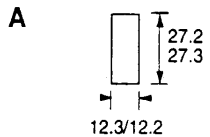


BODY CODE *

DIMENSIONS

Single Pole cut-outs

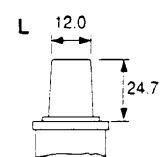
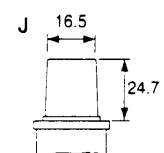
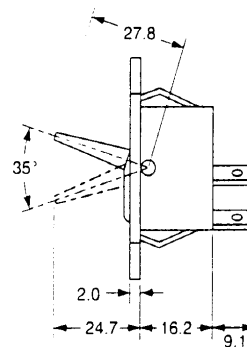
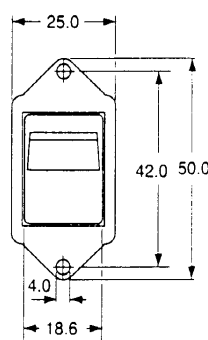
Double Pole cut-outs



For snap-in fixing, panel holes must be punched in the same direction as the unit is to be fitted. Panel thickness between:

- Single Pole** 0.75 and 3.3mm.
- Double Pole A,Q** 0.75 and 3.3mm.
- B,T** 0.75 and 2.5mm.
- D** 0.75 and 1.2mm.

S body details Matt finish only.



Technical Information

CATALOGUE NUMBER	1300,1350 & 1353	1400 & 1450	1401-1425 1451-1489	1500 & 1550	1501-1525 1551-1572
MATERIALS					
Body and actuator (opaque)	Nylon 6.6	Nylon 6.6	Nylon 6.6	Nylon 6.6	Nylon 6.6
Actuator (transparent)	Polycarbonate		Polycarbonate		Polycarbonate
Current carrying parts	Copper Alloy Silver Plated	Copper Alloy Silver Plated	Copper Alloy Silver Plated	Copper Alloy Silver Plated	Copper Alloy Silver Plated
Contact points	Silver alloy	Silver alloy	Silver alloy	Silver alloy	Silver alloy
PROPERTIES					
Contact Resistance in new condition (m ohms)	<10	<10	<10	<10	<10
Insulation Resistance (M ohms)	>20	>20	>20	>20	>20
Dielectric Strength: (Kv)					
across open contacts	>1	>1	>1	>1	>1
between poles	>3	>3	>3	>3	>3
between live parts and accessible metal	>4	>4	>4	>4	>4
Tracking Resistance	KB250	KB250	KB250	KB250	KB250
Humidity Resistance at 91-95% relative humidity (Hrs)	48	48	48	48	48
Impact Resistance (Nm)	>0.5	>0.5	>0.5	>0.5	>0.5
Shock Resistance 3 shocks in each of 3 perpendicular axis (gms)	>50	>50	>50	>50	>50
Vibration Resistance .075mm displacement 10-500Hz(Hrs)	>2	>2	>2	>2	>2
Storage term 5 year period (°C)	<125	<125	<125	<125	<125
Flame Retardancy:					
Standard	UL94V2 P	UL94V2	UL94V2 P	UL94V2	UL94V2 P
On Request	UL94V0/V1	UL94V0/V1	UL94V0/V1	UL94V0/V1	UL94V0/V1
Circuit Isolation:	>3.0	>3.0	>3.0(c/o are µ)	>3.0	>3.0(c/o are µ)
All ON/OFF types have contact gap (mm)					
Solderability to BS 2011 pt.2.1T - T terminals are designed for soldering by hand:	6 secs at 350°C	6 secs at 350°C	6 secs at 350°C	6 secs at 350°C	6 secs at 350°C
Angular movement ± 2°	38°	38°	38°	38°	38°
Force to operate (Kg). For details contact our Sales desk	0.2 - 2.0	0.2 - 2.0	0.2 - 2.0	0.2 - 2.0	0.2 - 2.0
Weight:					
Single Pole (gms)	<8	6	<8	6	<8
Double Pole (gms)	<12	11	<12	11	<12
Electrical Life (Operations)	>50K ^a	>50K	>10K	>10K	>10K
Mechanical Life (Operations)	>50K	>50K	>50K	>50K	>50K
Contact Ratings (Up to 250V a.c.) (Amps)					
Resistive Load, e.g. Heaters	16	10	10	16	16
Inductive Load, e.g. Motors,Solenoids	6	4	3	4	4
D.C. Circuits (up to 28V)	25	16	16	20	20
Inrush Current Tolerance to IEC 65 (Amps)	150	-	-	-	-
UL Overload (Amps)	20	15	15	20	20
HP rating (2 pos switches)	250V-1HP 125V-½HP	-	-	250V-1HP 125V-½HP	-
HP rating (3 pos switches)	-	-	-	250V-½HP 125V-¼HP	-
Temperature rating T°C	T125°C ^a	T125°C	T125°C ^c	T85°C	T85°C

GENERAL INFORMATION

All switches

Insulation Class II.
Heat and Fire resistance Category D.
Ingress Protection without cover IP40.

Spring return rocker switches

Flame retardancy

^P Polycarbonate rockers - V2 only.

Life and Temperature ratings

^a 1303 & 1353 are 16(4) T85 10K ops.

SERIES	5400	5500	5550	8600/8650	8500/8550 1250	2000	7000
	Nylon 6.6	Nylon 6.6	Nylon 6.6	Nylon 6.6	Nylon 6.6	Nylon 6.6	Nylon 6.6
	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Nylon 6.6	Polycarbonate
	Copper Alloy	Copper Alloy	Copper Alloy	Copper Alloy	Copper Alloy	Copper Alloy	Copper Alloy
	Silver Plated	Silver Plated	Silver Plated	Silver Plated	Silver Plated	Silver Plated	Silver Plated
	Silver alloy	Silver alloy	Silver alloy	Silver	Silver alloy		Silver alloy
	<10	<10	<10	<10	<10	<10	<10
	>20	>20	>20	>20	>20	>20	>20
	>1	>1	>1	>1	>1	>1	>1
	>3	>3	>3	>3	>3	>3	>3
	>4	>4	>4	>4	>4	>4	>4
	KB250	KB250	KB250	KB250	KB250	KB250	KB175
	48	48	48	48	48	48	48
	>0.5	>0.5	>0.5	>0.5	>0.5	>0.5	>0.5
	>50	>50	>50	>50	>50	>50	>50
	>2	>2	>2	>2	>2	>2	>2
	<125	<125	<125	<125	<125	<125	<125
	UL94V2 P	UL94V2 P	UL94V2 P	UL94V2 P	UL94V2 P	UL94V2	UL94V2 P
	UL94V0/V1	UL94V0/V1	UL94V0/V1	UL94V0/V1	UL94V0/V1	UL94V0/V1	UL94V0/V1
	μ	μ	>3.0mm	>3.0mm	>3.0mm	μ	>3.0mm
	6 secs at 350°C	6 secs at 350°C	6 secs at 350°C	6 secs at 350°C	6 secs at 350°C	6 secs at 350°C	6 secs at 350°C
	35°	35°	35°	27°	26°	-	-
	0.2 - 2.0	0.2 - 2.0	0.2 - 2.0	0.2 - 2.0	0.2 - 2.0	0.2 - 2.0	0.2 - 2.0
	8	8	-	4.0	<4	2 pos A body 3.9	25
	-	-	12	6.0	<5.0	5 pos A body 7.7	25
	>10K	>10K	>10K	>10K	>10K	10K	10K
	>50K	>50K	>50K	>50K	>50K	>50K	>50K
	10	16	16	10	10	10	16
	3	4	4	4	6	1	4
	16	20	20	10	10	-	16
	-	-	-	-	75**	-	-
	15	20	20	15	15	15	20
	-	250V-1HP	250V-1HP	250V-½HP	125V-½HP***	-	250V-1HP
	-	125V-½HP	125V-½HP	125V-½HP	-	-	125V-½HP
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	T125°C ^a	T85°C	T90°C ^c	T90°C	T100°C	T85°C	T125°C

Illuminated rockers and indicators

Transparent lenses on signal lamps, neon indicators and illuminated switches are moulded in polycarbonate, a material which is attacked by hydrocarbons. Alternative materials available on request.

Inrush rating

Weights

Products not specifically shown above:

T2225B	5gms.	T8550VB	5gms
H8600VB	4 gms.	C1400AB	6gms.
H8650VB	6 gms.	C1450AB	11gms.