

	Mfrs. List No.	Order Code	Price Each		
			1+	5+	10+
Voltage					
24V ac/dc	27121	327-6790			
110V ac	27124	327-6806			
230V ac	27123	327-6818			
Actuators					
Standard	27011	327-6820			
Fully Flexible	27143	327-6831			

D4DS-Safety Interlocking Door Switch Polymer Housing-Double Insulated



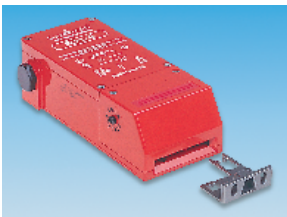
- Intended for machine guards that have to be closed during operation
- If guard is opened, the shut down time of machine is faster than the access time to the danger zone
- Rotatable actuator head offering 5 key entry positions
- One or two conduit versions
- Three different key types available

Conformity Standards		EN60947-5-1, IEC 947-5-1, EN1088, EN50047	
Approval standards		UL508, CSA C22.2 NO.14, BIA GS-ET-15	
Rated operational voltage	400V		
Rated operational current	AC-15, 400V, 2A		
Rated impulse withstand voltage	4kV		
Rated enclosed thermal current	10A		
Mechanical life	>1 million operations		
Operating temperature	-30 to +70°C		
Conduit entry	PG 13.5		
Enclosure rating	IP65		
Dimensions	H = 92, W = 30.5, D = 30 (326-290 & 326-318) H = 84, W = 56, D = 30, (326-320 & 326-331)		

CTL242

	Mfrs. List No.	Order Code	Price Each			
			1+	5+	10+	25+
Single Entry Types						
1 NC + 1 NO	D4DS-15FS	326-290				
2 NC	D4DS-1AFS	326-318				
Dual Entry Types						
1 NC + 1 NO	D4DS-55FS	326-320				
2 NC	D4DS-5AFS	326-331				
Accessories						
Straight Key	D4DS-K1	326-367.				
90° Key	D4DS-K2	326-379.				
90° Key Adjustable	D4DS-K3	326-392.				

Atlas 5 Heavy Duty Tongue Operated Safety Interlock Switch with Guard Locking



- Locks guard shut until machine is safe
- High locking force up to 5500N
- Heavy-duty die-cast alloy IP65 housing, ideal for harsh environments
- Patented self-aligning head, tolerates actuator misalignment
- Conforms to **EN 1088, EN 60947-5-1 and EN60204-1**

Actuator material	Stainless steel	Mechanical life:	1 1 0°
Conduit entry	3 M20	Electrical life:	1 1 0°
Operating temperature:	-10°C to +60°C	Max. holding force:	5500N
Fixing:	4 M5	Thermal current	10A

Conforming to standards	EN60947-5-1, EN 1088, EN 292, EN 60204-1
Safety contacts	2N/C positive break + 1N/O
Solenoid monitoring contacts	2N/C
AC (Ue)	500V 250V 100V
(Ie)	1A 2A 5A
DC	250V 0.5A, 24V 2A
Max. switched current/voltage/load	500V, 500VA
Auxiliary contacts	1N/O
Auxiliary solenoid monitoring contacts	1N/C

CTL338

Mfrs. List No.	Voltage	Order Code	Price Each		
			1+	5+	10+
07264	24V ac/dc	327-6843			
07263	110V ac	327-6855			
07262	230V ac	327-6867			

D4DL-Guard Lock Safety Interlocking Door Switch



Polymer Housing-Double Insulated



- Intended for machine guards that have to be closed during operation
- If guard is opened, the shut down time of machine is faster than access time to the danger zone
- Rotatable actuator head offering 4 key entry positions
- Highly visible head
- One or three conduit versions
- Three different key types available
- Suitable for harsh environments

Conformity Standards		EN60947-5-1, IEC 947-5-1, EN1088, EN50041	
Approval standards		UL508, CSA C22.2 NO.14, BIA GS-ET-15	
Rated operational voltage	400V		
Rated operational current	AC-15, 400V, 2A		
Rated impulse withstand voltage	4kV		
Rated enclosed thermal current	10A		
Operating temperature	-40 to +80°C		
Conduit entry	PG 13.5		
Enclosure rating	IP67		
Dimensions	H = 110, W = 40, D = 39 (326-653, 326-677) H = 110, W = 51, D = 34 (326-707, 326-793)		

Approval standards		UL508, CSA C22.2 NO.14, BIA GS-ET-15	
Rated operational voltage	400V		
Rated operational current	AC-15, 400V, 2A		
Rated impulse withstand voltage	4kV		
Rated enclosed thermal current	10A		
Operating temperature	-40 to +80°C		
Conduit entry	PG 13.5		
Enclosure rating	IP67		
Dimensions	H = 110, W = 40, D = 39 (326-653, 326-677) H = 110, W = 51, D = 34 (326-707, 326-793)		

CTL243

Type	Mfrs. List No.	Order Code	Price Each			
			1+	5+	10+	25+
Mechanical Lock/Solenoid Release Type						
1 NC/1 NO+1 NC	D4DL-1CFA-B	326-471				
2 NC+1 NO	D4DL-1DFA-B	326-537				
Solenoid Lock/Mechanical Release Type						
1 NC/1 NO+1 NC	D4DL-1CFG-B	326-495				
2 NC+1 NO	D4DL-1DFG-B	326-628				
Accessories						
Straight Key	D4DS-K1	326-367.				
90° Key	D4DS-K2	326-379.				
90° Key Adjustable	D4DS-K3	326-392.				

D4BS - Door Interlocking Switch Metal Housing



- Intended for machine guards that have to be closed during operation
- If guard is opened, the shut down time of machine is faster than access time to the danger zone
- Rotatable actuator head offering 4 key entry positions
- Highly visible head
- One or three conduit versions
- Three different key types available
- Suitable for harsh environments

Conformity Standards		EN60947-5-1, IEC 947-5-1, EN1088, EN50041	
Approval standards		UL508, CSA C22.2 NO.14, BIA GS-ET-15	
Rated operational voltage	400V		
Rated operational current	AC-15, 400V, 2A		
Rated impulse withstand voltage	4kV		
Rated enclosed thermal current	10A		
Positive opening travel	20mm		
Operating temperature	-40 to +80°C		
Conduit entry	PG 13.5		
Enclosure rating	IP67		
Dimensions	H = 110, W = 40, D = 39 (326-653, 326-677) H = 110, W = 51, D = 34 (326-707, 326-793)		

Approval standards		UL508, CSA C22.2 NO.14, BIA GS-ET-15	
Rated operational voltage	400V		
Rated operational current	AC-15, 400V, 2A		
Rated impulse withstand voltage	4kV		
Rated enclosed thermal current	10A		
Positive opening travel	20mm		
Operating temperature	-40 to +80°C		
Conduit entry	PG 13.5		
Enclosure rating	IP67		
Dimensions	H = 110, W = 40, D = 39 (326-653, 326-677) H = 110, W = 51, D = 34 (326-707, 326-793)		

CTL244

Contacts	Mfrs. List No.	Order Code	Price Each			
			1+	5+	10+	25+
Single Entry Types						
2 NC	D4BS-1AFS	326-653				
1 NC + 1 NO	D4BS-15FS	326-677				
Triple Entry Types						
2 NC	D4BS-5AFS	326-707				
1 NC + 1 NO	D4BS-55FS	326-793				
Accessories						
Straight Key	D4BS-K1	326-847				
90° Key	D4DS-K2	326-975				
90° Key Adjustable	D4DS-K3	327-529				

continued