

Solenoid Locking Switches — continued

D4BL -Guard Lock Safety Interlocking Door Switch **OMRON** Metal Housing



- Intended for 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.
- Automatically locks when operating key is inserted
- Locking mechanism released when voltage is imposed on solenoid
- Auxiliary key allows easy maintenance and unlocks door in case of power failure
- Equipped with horizontal and vertical conduit opening
- Three different key types available
- Suitable for harsh environments

Conformity Standards
Approval standards
Rated operational voltage
Rated impulse withstand voltage
Rated enclosed thermal current
Solenoid
Positive opening travel
Operating temperature
Conduit entry
Enclosure rating
Dimensions

**EN60947-5-1, IEC 947-5-1, EN1088, EN50041
UL508, CSA C22.2 NO.14, BIA GS-ET-15**
250V
4kV
10A
24Vdc
20mm
-10 to +55°C
PG 13.5
IP67
H = 124 inc. head, W = 115, D = 40

CTL245

Contacts	Mfrs. List No.	Order Code	Price Each			
			1+	5+	10+	25+
Main Units						
1 NC/1 NO + 1NC	D4BL-1CRA-A	326-987				
2 NC + 1 NC	D4BL-1DRA-A	326-999				
Accessories						
Straight Key	D4BL-K1	327-001				
90° Key	D4BL-K2	327-013				
90° Key Adjustable	D4BL-K3	327-025				

GKL/R - Solenoid Safety Switch

Honeywell



- Monitors key position as well as solenoid locking status
- Dual cable entry for wiring flexibility
- Dual entry for actuator
- Head can be moved to any of the four planes with the special security screws (screw bit included)
- Emergency over-ride on front cover
- Twin user configurable LED indicators (Red/Green)
- UL and CSA approved

H = 155, W = 110, D = 43

Solenoid voltage: 24VDC
Contacts: 3NC/1NO, (1NC/1NO solenoid monitor)
Operating temperature: -25°C to +40°C
Conduit entry: 20mm

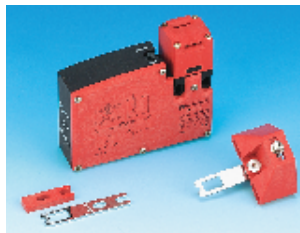
GKLG16L6A2 = 305-3880, GKLG16L6S2 = 305-3891, GKLG16L7A2 = 305-3908,
GKLG16L7S2 = 305-3910, GKRK16L6A2 = 305-3921, GKRK16L6S2 = 305-3933,
GKRK16L7A2 = 305-3945, GKRK16L7S2 = 305-3957

CTL296

Head on Left	Order Code	Price Each			
		1+	5+	10+	25+
Mechanical Lock Straight Key	305-3880				
Solenoid Lock Straight Key	305-3891				
Mechanical Lock 90° Key	305-3908				
Solenoid Lock 90° Key	305-3910				
Head on Right					
Mechanical Lock Straight Key	305-3921				
Solenoid Lock Straight Key	305-3933				
Mechanical Lock 90° Key	305-3945				
Solenoid Lock 90° Key	305-3957				

Key Operated Switch – Solenoid Locking

Telemecanique



H = 110 W = 93.5 D = 33

- Plastic bodied double insulated
- Locking on de-energisation
- Can only be operated with the specifically designed actuator-order separately
- 2 positive opening contacts as standard
- 1N/C positive contact operated by the solenoid
- 8 possible actuator entries with turret head feature
- Conforms to **EN1088, EN60204**

- Key operated lock to allow authorised override of solenoid (key supplied)
- 2 LED indicators: Orange-Guard open, Green-Guard closed

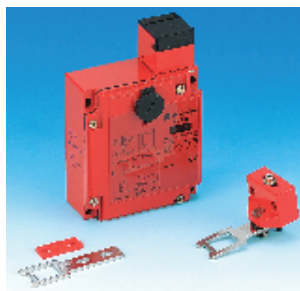
Mfrs. List No. Order Code Supply Voltage
XCS-TE7312 322-7753 24V ac/dc
XCS-TE7332 322-7763 120V ac/dc
Contact rating for 1 million ops 24Vac/6A, 110Vac/3A, 230Vac/2A
24Vdc/0.5V
Contacts 1N/C+1N/O+1N/C solenoid contact
Operating temperature -25°C to +70°C
Min. operating force for Positive opening cable entries M16 1.5
Degree of protection IP67
Solenoid rating 10VA, voltage limits -20% +10%

CTL306

Mfrs. List No.	Order Code	Price Each		
		1+	5+	10+
XCS-TE7312	322-7753			
XCS-TE7332	322-7765			
Actuators				
XCS-Z11	Straight	322-7730		
XCS-Z13	Flexible	322-7741		

Heavy Duty Key Operated Switch Solenoid Locking

Telemecanique



H = 146 W = 98 D = 44

- Metal construction
- Locking on de-energisation
- Can only be operated with the specifically designed actuator order separately
- 3 positive opening contacts as standard
- 1N/C+1N/O positive opening solenoid operated contacts
- 8 possible actuator entries with turret head feature
- Conforms to **EN1088, EN60204**
- Key operated lock to allow authorised override of solenoid (key supplied)
- 2 LED indicators: Orange-Guard open, Green-Guard closed

Contact rating for 1 million ops 24Vac/6A, 110Vac/3A, 230Vac/2A
24Vdc/0.5V
Contacts 2N/C+1N/O, 1N/C+1N/O solenoid contacts
Operating temperature -25°C to +70°C
Min. operating force for Positive opening cable entries M20 1.5
Degree of protection IP67
Solenoid rating 10Va, voltage limits -20% +10%

CTL309

Mfrs. List No.	Supply Voltage	Order Code	Price Each		
			1+	5+	10+
XCS-E7312	24Vac/dc	322-7674			
XCS-E7332	120Vac/dc	322-7686			
Actuators					
XCS-Z01	Straight	322-7650			
XCS-Z03	Flexible	322-7662			

Key Operated Interlock Safety Switch

IMO



- Choice of right angle or straight stainless steel keys provided
- Operating only by key provided and not by screwdrivers, fingers etc.
- Positive break N/C safety contacts
- 8 possible actuator points
- Single and double entries
- Security screws provided

Best value