



LS693 Key safety switch with revolving head

Protection mode:

Type of protection: II 2 GD Ex d IIB + H2
 Class of temperature: T6
 Protection degree: IP65
 Amb Temp: -40/+85°C
 Zones : 1-2-21-22



LS693 Key safety switch with positive opening with revolving head 1NO+1NC.

- The safety circuit must be connected to the NC contact 21-22 with the key plugged in.
 - The safety switches are fixed to the body of the machine, while the key is fixed to the protection
 - The head of the switch can be positioned on each of the four sides of the switch by unfastening the four fixing screws: 8 different driving directions can be obtained.
- In the case the switch is used to protect parts of machines which a person can get in physically, one padlock can be stalled in the suitable key's hole, so as to avoid an accident closing of the door, after the operator's admittance into the machine. The padlock's arch has to be minimum 6 mm diameter.

Technical data:

Materials:

Enclosure made of GALSI 13 UNI 4514 light alloy externally coated with RAL 7030 epoxy.
 External bolts and screws made of stainless steel.

Other reference Standards

EN 60079-10, Zone 1 and 2, Directive ATEX 94/9/CE Group II Category 2GD.

Degree of pollution

Degree 3: IEC 947-5-1 and EN 60.947-5-1 Standards.

Maximum frequency operations

5/minute

Mechanical endurance operations

1.000.000

Maximum actuation speed

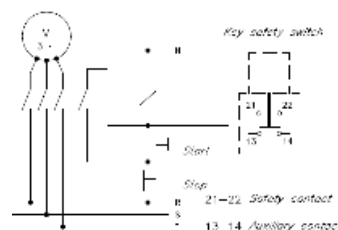
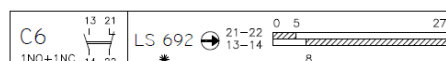
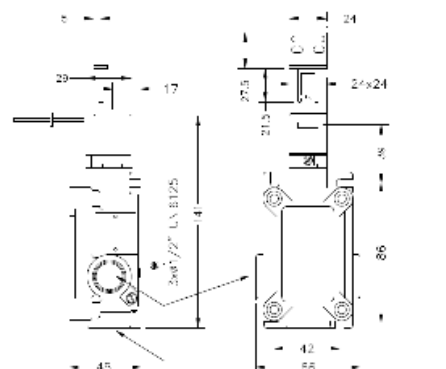
0.5 m/second

Contact blocks

Rated thermal current: Ith 10A
 Rated insulation voltage: Ui 500Vac 600Vdc
 Protection against short circuits: Fuse 10A
 Conductor minimum section: 1.5 mmq
 Current maximum density: 5A/mmq

Cable entry: 1/2" NPT

Technical drawings:



Alternate current AC15 (50/60Hz)				
Voltage (V)	24	130	240	400
Intensity (A)	10	5.5	3	1.8
Direct current DC13				
Voltage (V)	24	110	250	
Intensity (A)	2.8	0.6	0.27	

