S1713WYB

IP66, IP67, IP69K

The actuator has been tested to guarantee a degree of protection per IEC/EN IP66, IP67, IP69K and per UL Type 4X, appropriate for use in extreme ambient conditions.

ISO 13850 Compliant

The actuator structure is suitable to warrant direct opening operation with mechanical latching for emergency stopping per ISO 13850 AND IEC/EN/BS 60947-5-5.

Long actuator life

High performance characteristics assure 300,000 cycle life for the actuator.

Usage at extreme temperatures

Operational temperature range: -25° and +70°C.

Resistant materials

The component materials are resistant to oils, solvents and hydrocarbons.

Multiple knockouts

The enclosure has been designed with multiple pre-moulded cable gland knockouts to aid installation.

Base mount contacts

The unit is supplied with one normally open and one normally closed contact as standard. Contact elements simply plug into the fixing structure on the base of the enclosure. It is possible that the unit can switch up to three contact blocks. Additional contacts are available seperatley.

Certifications and Compliances

CSA C22.2 n° 14

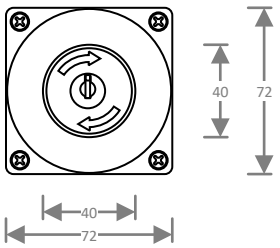
IEC/EN 60947-1

IEC/EN 60947-5-1

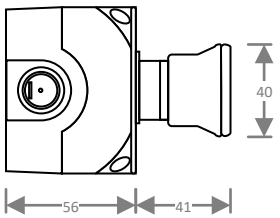
UL508

Designed for switching applications in extreme and harsh environments. Rated at the highest IP rating achievable - IP69K, the switch is completely suitable for washdown and sterilisation applications in the increasing cleansing environment. The compliant emergency stop switch has a key reset facility to prevent unauthorised resetting of an electrical system in or after an emergency or fault. The switch contact elements allow switching of both ac and dc Voltages – please check IEC/EN data and use correct cable specification. The unit is supplied with one normally open and one normally closed contact element. Keyed alike as standard, five additional differs are available to special order. Optional screw covers are available to compliment your installation.

Frontal presentation:



3rd Angle presentation:



Specification

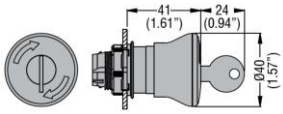
Actuator

Operational characteristics

- Degree of protection:

Per IEC/EN:	IP66, 67, 69K
Per UL:	Type 1, 2, 3R, 4, 4X, 12, 12X

- Operating temperature: -25°C…+70°C
- Operating force: <0.5kg
- Mechanical life: 300,000 cycles
- Materials: Polymide
- Dimensions (mm / ”):



Contact Elements

General characteristics

- Wiping action and dual scraping-oscillating effect
- IEC rated insulation voltage: 690V
- IEC rated thermal current Ith: 10A
- Conductivity: 5V 1mA
- Short circuit protected fuse: max calibre – 10A gG/SC
- Contact resistance: ≤20mΩ
- Terminals: Clamp screw with washer
- Opening force: ≤0.5kg
- Electrical life: 1,000,000 cycles
- UL/CSA and IEC/EN/BS 60947-5-1 designation: **A600**
  Q600

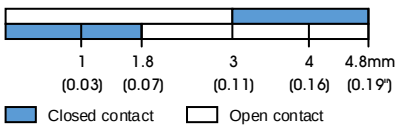
IEC/EN operational characteristics in **AC15** category

(V)	12	24	48	120	240	400	480	500	600
(A)	6	6	6	6	6	3	1.5	1.4	1.2

IEC/EN operational characteristics in **DC13** category

(V)	12	24	48	125	250	440	500	600
(A)	3	3	1.5	0.55	0.27	0.15	0.13	0.1

Stroke of contact elements



Enclosure

Operational characteristics

- Degree of protection:
- Per IEC/EN: IP66, IP67, IP69K
- Per UL: Type 1, 2, 3R, 4, 4X, 12, 12X
- Cable entry knockouts:
- M16/PG11 (1 at rear and 1 on left hand side)
- M20/M25/PG13.5/PG16 (1 each on top and bottom))
- Tightening torque of cover screws Tmax: 1.8Nm/16lb.in
- Materials: Polymide
- Dimensions (mm / ”):