Your Expert Partner for **Human Machine Interfaces**

Actuator

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14-
273.0252



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Your product:



14-273.0252
Actuator

OPERATING-/INDICATION PART

Lens illumination:	illuminative

ELECTRICAL CHARACTERISTICS

Protection class:	II
Standards:	According to EN/IEC 61058-1
Electrical lifetime:	50 000 cycles of operation
Electric strength:	3000 VAC, 50 Hz, 1 min. between all terminals and earth, according to EN/IEC 61058-1
Rated Operational Voltage Ue:	250 VAC/DC according to EN IEC 61058-1
Thermal current Ith:	5 A, according to EN / IEC 60947-5-1 The maximum current in continuous operation and at ambient temperature not exceeding the quoted maximum values.
Switching voltage and switching current:	250 VAC, 5 A (ohmic) 250 VAC, 2 A (inductive, cos(phi) = 0.7) 220 VDC, 0.1 A (inductive, L:R = 30 ms) 110 VDC, 0.2 A (inductive, L:R = 30 ms) 60 VDC, 0.7 A (inductive, L:R = 30 ms) 24 VDC, 2 A (inductive, L:R = 30 ms)
Contacts:	3 NC / 3 NO

MECHANICAL CHARATERISTIC

Operating Travel:	3 mm
Switching action:	Maintained
Switching system:	Snap-action switching element
Mechanical lifetime:	1 Mio. cycles of operation
Weight:	0.017 kg
Operating force:	5 N ... 8 N, depending on the number of switching elements

Tightening torque:	Fixing nut max. 0.25 Nm
Switching system:	Self-cleaning, double-break snap action switching system, 1 normally closed and 1 normally open contact per element.
Terminal:	Soldering terminal
Contact material:	Gold

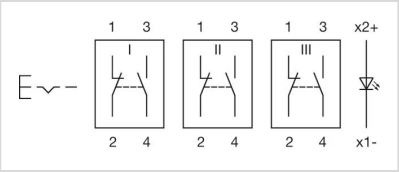
AMBIENT CONDITION

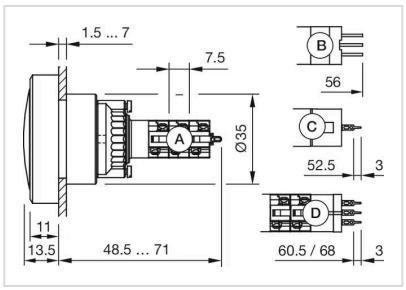
IP front protection:	IP67, according to DIN EN 60529
Climate resistance:	Standard condition, as per DIN EN 60068-2-78 Standard cyclic, as per DIN IEC 60068-2-30
Vibration resistance:	Max. 100 m / s^2 from 10 Hz ... 500 Hz, (sinusoidal EN IEC 60068-2-6)
Shock resistance:	Max. 150 m / s^2, pulse width 11 ms, 3-axis, (semi-sinusoidal as per EN IEC 60068-2-27)
Operating temperature:	– 25 °C ... + 55 °C, mounted as a block, make sure the heat can escape freely
Storage temperature:	– 40 °C ... + 85 °C

CERTIFICATE

Approbations:	CB (IEC 61058-1), CQC, CSA, DNV, ENEC (EN 61058-1), UL
Conformities:	CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

Housing colour:	Black
max. number of switching elements:	4
Short Description:	Actuator, illuminative, 3 NC / 3 NO, Maintained, Soldering terminal, IP67, according to DIN EN 60529
Wiring diagrams:	
Dimension drawings:	



Mounting cut-outs:

