

Actuator

22-
225.014

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Your product:



22-225.014 Actuator

FRONT

Front bezel colour:	Black
Front dimension:	36 mm x 24 mm
Front form:	rectangular
Front bezel material:	Plastic

MOUNTING

Design:	flush
Mounting cut-out:	22 mm x 30 mm

OPERATING-/INDICATION PART

Lens illumination:	optional illuminative
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ELECTRICAL CHARACTERISTICS

Contacts:	1 NC / 1 NO
Electric strength:	2000 VAC, 50 Hz, 1 minute, as per IEC 60512-2-11 between all terminals and earth
Switching voltage and switching current:	400 VAC, 10 A (ohmic) 400 VAC, 4 A (inductive, $\cos(\phi) = 0.7$) 250 VAC, 5 A (inductive, $\cos(\phi) = 0.7$) 125 VAC, 8 A (inductive, $\cos(\phi) = 0.7$) 110 VDC, 0.4 A (inductive, L:R = 30 ms) 60 VDC, 1.5 A (inductive, L:R = 30 ms) 24 VDC, 6 A (inductive, L:R = 30 ms)
Electrical lifetime:	50 000 cycles of operation

MECHANICAL CHARACTERISTIC

Mechanical lifetime:	1 Mio. cycles of operation
Terminal:	Plug-in terminal, 6.3 x 0.8 mm
Weight:	0.034 kg
Switching system:	Snap-action switching element
Operating force:	6.8 N ±0.3 N with 2 normally closed/normally open contacts
Contact material:	Silver
Switching action:	Maintained
Switching system:	Self-cleaning, double-break snap action switching system (contact opening width 2 mm x 1.5 mm). Max. 2 normally closed or 2 normally open contacts, or one of each
Operating Travel:	5.5 mm ± 0.2 mm

AMBIENT CONDITION

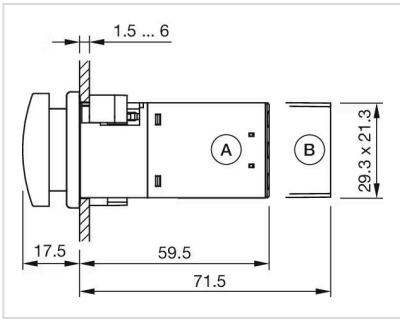
Shock resistance:	50 g for 11 ms, according to IEC 60512-4-3
Operating temperature:	- 25 °C ... + 55 °C
Vibration resistance:	10 g at 10 Hz...2000 Hz, amplitude 0.75 mm (Sinusoidal), according to DIN EN 60512-4-4
Storage temperature:	- 40 °C ... + 95 °C
IP Protection:	IP20 rear side, IP65 front side, according to IEC 60529

CERTIFICATE

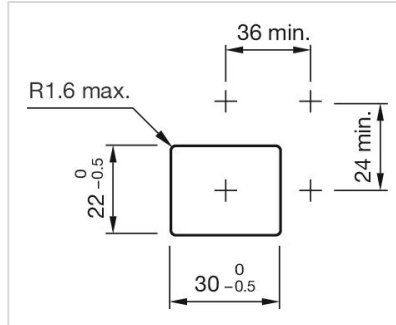
Approbations:	CB (IEC 61058-1), CSA, EAC, ENEC (EN 61058-1), UL
Conformities:	CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

Housing colour:	Black
Housing material:	Plastic
Short Description:	Actuator, 22 mm x 30 mm, 36 mm x 24 mm, optional illuminative, rectangular, Black, Plastic, 1 NC / 1 NO, Maintained, Plug-in terminal, 6.3 x 0.8 mm
Dimension drawings:	



Mounting cut-outs:



Wiring diagrams:

