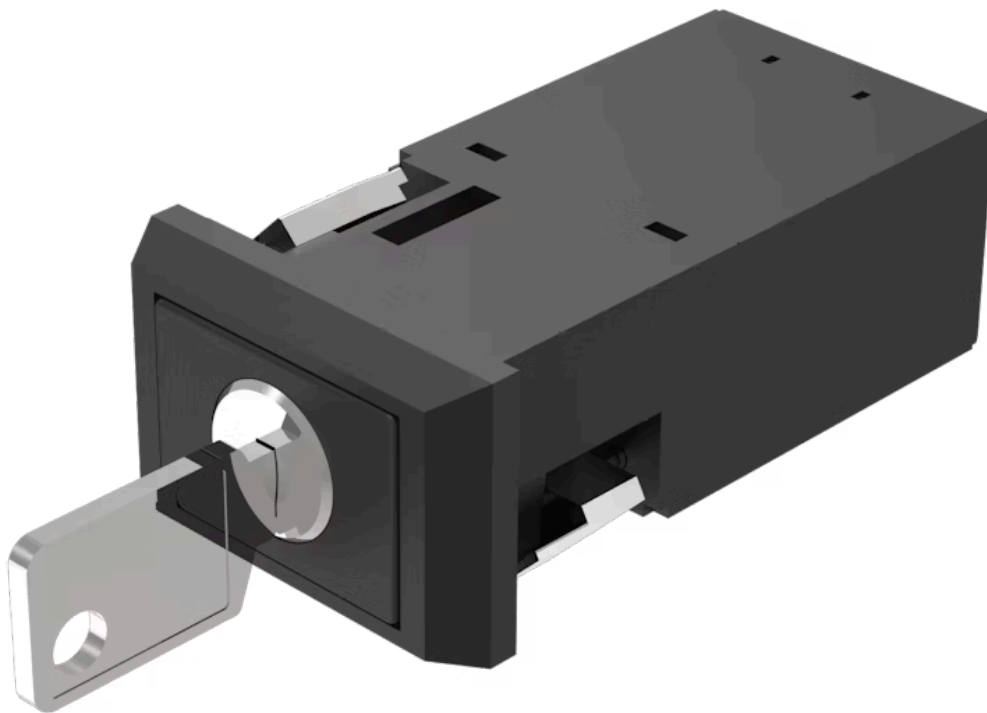


Actuator

22-
331.514D

Distribution by
DigiKey

DigiKey



<https://digikey.eao.com/p/22-331.514D>

Your product:



22-331.514D Actuator

FRONT

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

MOUNTING

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

ELECTRICAL CHARACTERISTICS

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)
Electric strength:	2000 VAC, 50 Hz, 1 minute, as per IEC 60512-2-11 between all terminals and earth
Contacts:	1 NO
Electrical lifetime:	50 000 cycles of operation

MECHANICAL CHARACTERISTIC

Switching angle:	90° right
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

Switching positions:	2 positions
Contact material:	Silver
Operating force:	3.6 N $\pm$ 0.3 N with 1 normally closed/normally open contact
Weight:	0.04 kg
Mechanical lifetime:	40 000 cycles of operation
Terminal:	Plug-in terminal, 6.3 x 0.8 mm
Switching system:	Snap-action switching element
Switching action:	Rest (a) - Maintained (a)

AMBIENT CONDITION

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

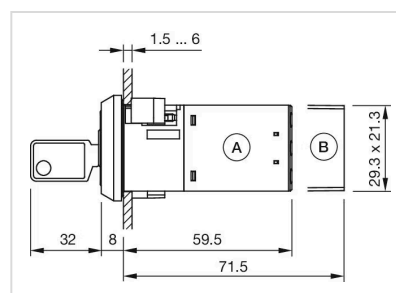
CERTIFICATE

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

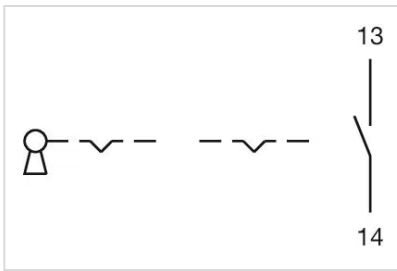
OTHER

Hints:	Standard lock: DOM 311
Short Description:	Actuator, 22 mm x 30 mm, 36 mm x 24 mm, rectangular, Black, Plastic, 1 NO, Rest (a) - Maintained (a), Plug-in terminal, 6.3 x 0.8 mm

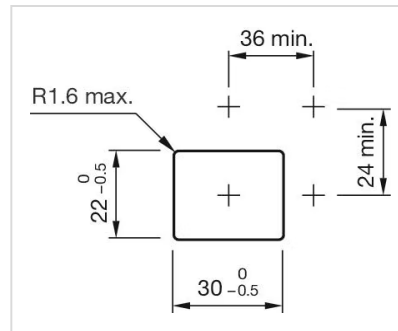
Dimension drawings:



Wiring diagrams:



Mounting cut-outs:



Switching positions:

