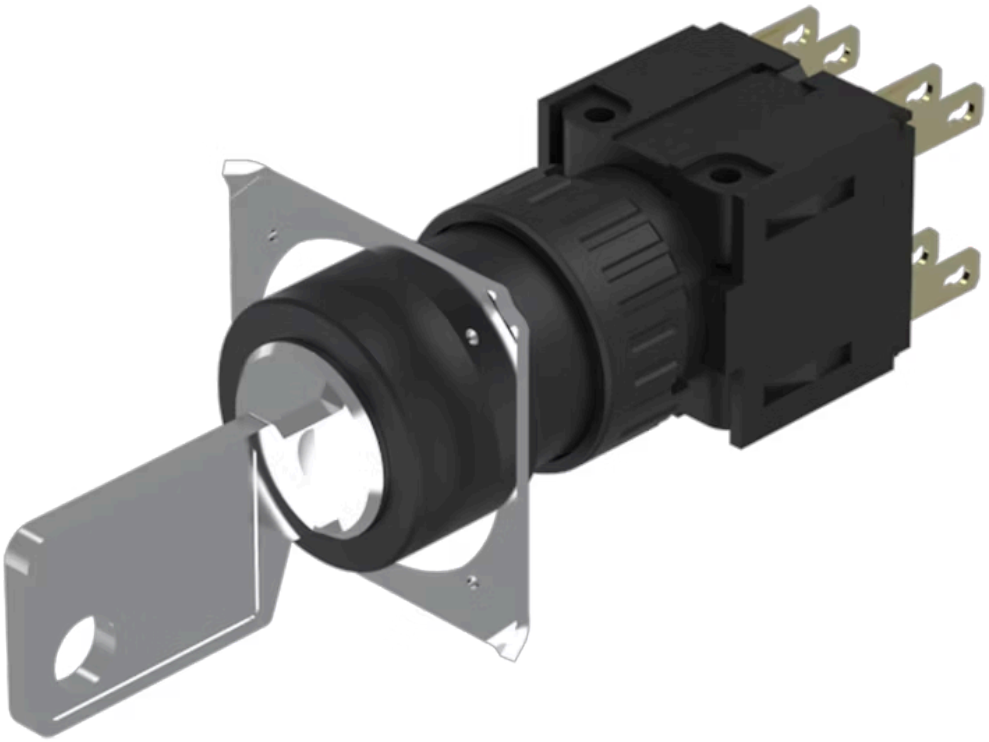
Your Expert Partner for **Human Machine Interfaces**

Actuator

Distribution by
DigiKey

51-
377.F22DF



https://digikey.eao.com/p/51-377.F22DF

Your product:



51-377.F22DF
Actuator

MOUNTING

Mounting cut-out:	Ø 25 mm
Design:	flush

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:	250 VAC, 5 A (cosφ 0.75)
Electrostatic discharge (ESD):	≤ 15 KV
Electric strength:	2500 VAC, 50 Hz, 1 min. between all terminals and earth, according to IEC 61058-1, part 15
Protection class:	II
Thermal current Ith:	5 A, according to EN / IEC 60947-5-1
Contacts:	2 NC / 2 NO

MECHANICAL CHARATERISTIC

Switching system:	Snap-action switching element
Tightening torque:	Fixing nut max. 0.5 Nm
Terminal:	Plug-in terminal, 2.8 x 0.5 mm
Contact material:	Gold
Mechanical lifetime:	50 000 cycles of operation
Switching positions:	3 positions
Wire cross section:	Max. wire cross-section 2 wires with 1 mm Max. wire cross-section of stranded cable 2 x 0.75 mm^2
Switching action:	Maintained - Rest (a) - Momentary
Weight:	0.027 kg

Switching system:	Self-cleaning, double-break snap action switching system, 2 normally closed and 2 normally open contact per element.
Switching angle:	90° left / 42° right

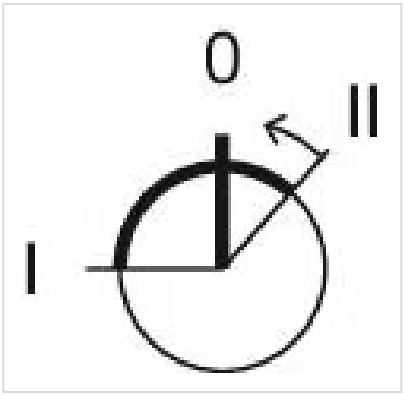
AMBIENT CONDITION

IP front protection:	IP65, according to DIN EN 60529
Storage temperature:	– 40 °C ... + 85 °C
Operating temperature:	– 25 °C ... + 55 °C

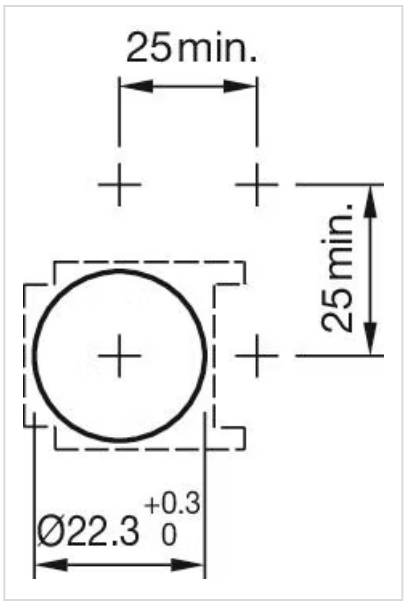
CERTIFICATE

Conformities:	CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 30 / EU (EMC), 2014 / 35 / EU (LVD)
Approbations:	CB (IEC 61058-1), CQC, CSA, DNV, ENEC (EN 61058-1), UL

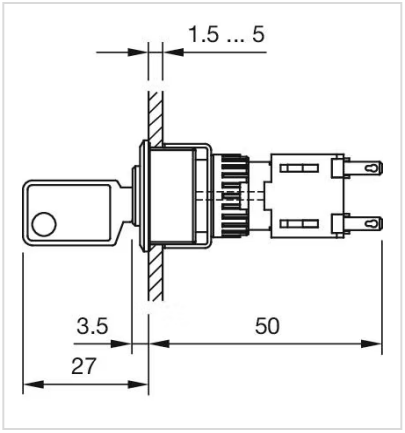
OTHER

max. number of switching elements:	1
Hints:	Standard lock: DOM 311
Short Description:	Actuator, Ø 25 mm, 2 NC / 2 NO, Maintained - Rest (a) - Momentary, Plug-in terminal, 2.8 x 0.5 mm, IP65, according to DIN EN 60529
Housing colour:	Black
Switching positions:	

Mounting cut-outs:



Dimension drawings:



Wiring diagrams:

