



MS 064-40Y

- Metal enclosure
- 184 mm x 111 mm x 149 mm (basic component)
- 2 cable entries M 25 x 1.5
- 3 or 4 Contacts
- Actuator heads can be repositioned by 4 x 90°

Data

Ordering data

EAN (European Article Number)	4030661022673
eCl@ss number, Version 9.0	27-27-06-01
eCl@ss number, Version 11.0	27-27-06-01
ETIM number, version 6.0	EC000030
ETIM number, version 7.0	EC000030

Approval - Standards

Certificates	cULus
	CCC
	EAC

General data

Standards	EN 60947-5-1
Active principle	mechanical
Slide form	Sphere
Enclosure material	Grey cast iron, galvanised

Enclosure coating material	painted
Material of the contacts, electrical	Silver
Gross weight	3,570 g

General data - Features

Number of shutters	4
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Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	2,000,000 Operations
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Mechanical data

Actuating element	Plunger
Mechanical life, minimum	30,000 Operations
Actuating angle	20 °
Contact opening	2 x 4 mm
Actuating speed, minimum	600 mm/min
Actuating speed, maximum	1 m/s
Note (Actuating speed)	Actuating speed with vertical actuating angle to switch axis

Mechanical data - Connection technique

Terminal Connector	Screw connection
Cable section, minimum	1.5 mm ²
Cable section, maximum	4 mm ²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.
Wire cross-section	11 AWG

Mechanical data - Dimensions

Length of sensor	149 mm
Width of sensor	156 mm
Height of sensor	111 mm
Diameter of the Plunger	10 mm

Ambient conditions

Degree of protection	IP65 to EN 60529
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+90 °C

Ambient conditions - Insulation value

Rated insulation voltage U_i	500 V
Rated impulse withstand voltage U_{imp}	6 kV

Electrical data

Thermal test current	25 A
Utilisation category AC-15	400 VAC
Utilisation category AC-15	25 A
Switching element	Normally open contact (NO)
Note (Switching element)	with double break galvanically separated contact bridges
Switching principle	Snap switch element
Switching frequency	1,000 /h

Notes

Note (General)	Actuation from the side of the plunger should be avoided, since this reduces the mechanical life of the position switch.
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can be found in the manual. Technical amendments and errors possible.

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