



M2S 015-11Y-M20

- 3 Cable entry M 20 x 1.5
- Metal enclosure
- 2 Contacts
- 67 mm x 75 mm x 43 mm (basic component)
- With large after-travel
- Actuator head with captive stainless steel ball actuator

Data

Ordering data

EAN (European Article Number)	4030661190167
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	CCC EAC
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General data

Standards	EN 60947-5-1
Active principle	mechanical
Slide form	Sphere
Enclosure material	Light-alloy diecast, paint finish

Enclosure coating material	painted
Material of the contacts, electrical	Silver
Gross weight	310 g

General data - Features

Number of openers	1
Number of shutters	1

Mechanical data

Actuating element	Plunger
Mechanical life, minimum	10,000,000 Operations
Actuating angle	20 °
Actuating force	15 N
Contact opening	2 x 1.2 mm
Actuating speed, minimum	1 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, maximum	2.5 mm ²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.
Wire cross-section	13 AWG

Mechanical data - Dimensions

Length of sensor	43 mm
Width of sensor	67 mm
Height of sensor	130 mm

Diameter of the Plunger	10 mm
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Ambient conditions

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

Rated insulation voltage U_i	500 V
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Electrical data

Thermal test current	10 A
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Utilisation category AC-15	400 VAC
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Utilisation category AC-15	2.5 A
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Switching element	NO contact, NC contact
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Note (Switching element)	galvanically separated contact bridges
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Switching principle	Snap switch element
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Bounce duration, maximum	2.5 ms
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Switchover time, maximum	40 ms
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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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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

Generated on: 11/9/2021, 11:00 AM