

## Product No: 101168090

### SCHMERSAL BN20-RZ-M16 MAGNETIC REED SWITCH 101168090

*Note: Inductive loads (e.g. contactors, relays, etc.) are to be suppressed by means of a suitable circuit.*



#### General Information

Brand	SCHMERSAL
Cable Note	All indications including the conductor ferrules.
EAN	4030660000000
eCl@ss Number, Version 11.0	27-27-06-09
eCl@ss Number, Version 9.0	27-27-27-03
ETIM 6.0	EC002591
ETIM 7.0	EC002549
Housing Construction Form	Norm construction design
Product Type	Magnetic Reed Switch
Series	BN20
Working Principle	Electromechanical

#### Technical Attributes

No. of Auxiliary Contacts	2
Contact Material	Silver
Maximum Actuating Speed (m/s)	2
Maximum Cable Cross Section (mm <sup>2</sup> )	2.5
Maximum Fuse Rating	6 A gG D-fuse
Maximum Nominal Output Voltage AC (V)	250
Minimum Cable Cross Section (mm <sup>2</sup> )	0.75
Minimum Mechanical Life	1000000 Operations
No. of Safety Contacts	1

Nominal Output Current (A)	3
Nominal Power (W)	120
Overvoltage Category	3
Rated Impulse Withstand Voltage (kV)	0.8
Rated Insulation Voltage (V)	500
Rated Short-circuit Current (A)	1000
Switching Element	Opener (NC)
Switching Principle	Slow action
Terminal Type	Screw terminals M20 x 1.5
Utilisation Category	DC-13   AC-15

### Physical Attributes

Actuator Type	Roller lever N200
Enclosure Material	Aluminium
Gross Weight (g)	50
Maximum Ambient Temperature (°C)	80
Maximum Temperature (°C)	90
Minimum Ambient Temperature (°C)	0
Minimum Temperature (°C)	-25
Mounting Type	Threaded
Net Weight (g)	65

### Dimensions

Sensor Height (mm)	33.2
Sensor Length (mm)	33

### Protection & Standards

Degree of Protection	IP67
Standards	EN IEC 60947-5-2 / DIN VDE 0660-208

### Resources

Product catalogue (Flipbook)	<a href="#">Download from here</a>
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