



- PNP
- NO/NC
- 20.00 mm
- Flush (shielded)
- Screw terminal,

General attributes

Approvals / Conformity

CE
EAC
IEC 60947-5-2
IP67
Yes
Yes
Yes
II
Yes
455 a

Basic standard
Enclosure Type per IEC 60529
Function indicator
Polarity reversal protected
Power indicator
Protection Class
Short circuit protected
MTTF (40°C)

Electrical attributes

Connection type
Eff. operating current I_e
Eff. operating voltage U_e DC
Electrical version
Load capacitance max. (at U_e)
Max. no-load cur. I_o undamped
Minimum operating current I_m
No-load current I_o damped max.
Operating voltage U_B max. DC [V]
Operating voltage U_B min. DC [V]
Rated insulation voltage U_i
Rated short circuit current
Ripple max. (% of U_e)
Switching freq. f max. (at U_e)
Switching function
Switching output

Screw terminal
200 mA
24.0 V
DC, direct current
1.000 µF
15.0 mA
0 mA
20.0 mA
55.0 V
10.0 V
250 VAC
100 A
15 %
50 Hz
NO/NC
PNP



Voltage drop static max.

2.5 V

Mechanical attributes

Ambient temperature T_a max.
Ambient temperature T_a min.
Assured operating distance S_a
Cable gland thread size
Depth
Eff. operating distance S_r
Height (small side)
Housing material
Mech. installation condition
Rated operating distance S_n [mm]
Sensing face material
Tightening torque
Tightening torque for clamping
Width (long side)
Wire cross-section max.

70 °C
-25 °C
16.00 mm
M20x1.5
40.0 mm
20.00 mm
40.0 mm
PBT
Flush (shielded)
20.00 mm
PBT
4-5 Nm (M20x1.5)
0.80 Nm
120.0 mm
2.5 mm²

Remarks

LED 1: Function; LED 2: Operating voltage
The sensor is functional again after the overload has been eliminated.

For further information on MTTF/B10d, please refer to the MTTF / B10d Certificate.

Specification of the MTTF value and the B10d value do not represent any binding quality and/or life expectancy guarantees.

Inductive sensor

BES 517-132-M6-H
BES0209

BALLUFF

