



- NO/NC
- 30.00 mm
- Non embeddable
- Screw terminal,



LISTED
IND.CONT.EQ
81U2



General attributes

Approvals / Conformity	cULus CE
Basic standard	IEC 60947-5-2
Enclosure Type per IEC 60529	IP67
Function indicator	Yes
Polarity reversal protected	Yes
Power indicator	No
Protection Class	II
Short circuit protected	Yes

Electrical attributes

Connection type	Screw terminal
Eff. operating current I _e	250 mA
Eff. operating voltage U _e AC	110.0 V
Electrical version	UC (AC/DC)
Minimum operating current I _m	5 mA
Operating voltage U _B max. AC [V]	250.0 V
Operating voltage U _B max. DC [V]	250.0 V
Operating voltage U _B min. AC [V]	20.0 V
Operating voltage U _B min. DC [V]	20.0 V
Rated frequency, AC	50/60 Hz
Rated insulation voltage U _i	250 VAC
Rated short circuit current	100 A
Short-time cur. load cap. Freq	1.0 Hz
Short-time load cap./time I _k /T	1.0 A/20 ms
Switching freq. f max. (at U _e)	100 Hz

Switching function	NO/NC
Voltage drop dynamic max.	7.5 V
Voltage drop static max.	11.5 V

Mechanical attributes

Ambient temperature T _a max.	70 °C
Ambient temperature T _a min.	-25 °C
Assured operating distance S _a	24.00 mm
Cable gland thread size	M20x1.5
Depth	40.0 mm
Eff. operating distance S _r	30.00 mm
Height (small side)	40.0 mm
Housing material	PBT
Mech. installation condition	Non embeddable
Rated operating distance S _n [mm]	30.00 mm
Sensing face material	PBT
Tightening torque for clamping	0.80 Nm
Width (long side)	120.0 mm
Wire cross-section max.	2.5 mm ²

Additional text

When the overload is removed, interrupt supply voltage U_B for approx. 2 sec.
Internal switch for programming switching function:

Position 1: NO (default); Position 2: NC.
T_a ≥ 25 °C... ≤ 70 °C: I_e = 250 - 1.6x(T_a-25).
NO/NC programmable.

Inductive sensor

BES 517-223-M5-E
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