

Model Number

NBN3-F25-Z8-V1

Features

- For installation in housing
- Satisfies machinery directive

Connection



Pinout



Wire colors in accordance with EN 60947-5-2

1	BN	(brown)
2	WH	(white)
3	BU	(blue)
4	BK	(black)

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nz :ar	Accessories
Date of Issue: 2012-0	BT32 Activator for F25 series
Date	BT32XS Activator for F25 series
14:48	BT32XAS Activator for F25 series
87-70	BT33 Activator for F25 series
-1102	BT34 Activator for F25 series
Helease date: 2011-07-28	V1-G 4-pin, M12 female field-attachable connector V1-W
uer.	4-pin, M12 female field-attachable connector

Dimensions

Technical Data



General specifications Switching element function Dual (NO) Rated operating distance s_n 3 mm embeddable mountable Installation DC Output polarity Assured operating distance 0 ... 2.43 mm Sa Reduction factor r_{Al} 0.5 Reduction factor r_{Cu} Reduction factor r_{304} 0.4 1 Reduction factor r_{St37} 1.1 Nominal ratings Operating voltage 6 ... 60 V DC UB Switching frequency 0 ... 500 Hz Hysteresis н typ. 0.2 % Reverse polarity protected Short-circuit protection tolerant no . Voltage drop Ud ≤5 V Operating current 4 ... 100 mA I_L 4 mA 0 ... 1 mA typ. 0.7 mA Lowest operating current Off-state current l_m ١, Indication of the switching state LED, yellow Ambient conditions Ambient temperature -25 ... 70 °C (-13 ... 158 °F) Mechanical specifications Connection type Device connector M12 x 1, 4-pin Housing material PBT PBT Sensing face IP67 Protection degree Tightening torque, fastening screws M5 x 25 : 2.7 Nm Mounted on mechanical drive Note Compliance with standards and directives Standard conformity EN 60947-5-2:2007 Standards IEC 60947-5-2:2007 Approvals and certificates all us Listed Conoral Purpose UL approval CSA

OL approval	colus Listed, General Fulpose
CSA approval	cCSAus Listed, General Purpose
CCC approval	Certified by China Compulsory Certification (CCC)

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