



General specifications	
Switching element function	Binary NO
Rated operating distance s_n	3 mm
Installation	not embeddable
Assured operating distance s_a	0 ... 2.4 mm
Reduction factor r_{Al}	0.4
Reduction factor r_{Cu}	0.3
Reduction factor r_{V2A}	0.8
Reduction factor r_{St37}	1
Nominal ratings	
Operating voltage U_B	6 ... 30 V
Switching frequency f	0 ... 400 Hz
Hysteresis H	typ. 0.2 %
Reverse polarity protection	tolerant
Short-circuit protection	no
Voltage drop U_d	≤ 6 V
Operating current I_L	4 ... 30 mA
Off-state current I_r	0 ... 1 mA typ. 0.7 mA
Indication of the switching state	LED, yellow
Limit data	
Tightening torque, fixing screws	0.4 Nm
Standard conformity	
Standards	EN 50044
Ambient conditions	
Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Mechanical specifications	
Connection type	165 mm, PVC cable
Core cross-section	0.14 mm ²
Core cross-section (system side)	0.14 mm ²
Housing material	PC
Sensing face	PC
Protection degree	IP67

Connection type:

