



General specifications	
Switching element function	PNP Make function
Rated operating distance s_n	30 mm
Installation	not embeddable
Output polarity	switched high
Assured operating distance s_a	0 ... 24.3 mm
Reduction factor r_{AI}	0.4
Reduction factor r_{Cu}	0.3
Reduction factor r_{V2A}	0.85
Nominal ratings	
Operating voltage U_B	10 ... 30 V
Switching frequency f	0 ... 10 Hz
Hysteresis H	typ. 3 %
Reverse polarity protection	protected against reverse polarity
Short-circuit protection	pulsing
Voltage drop U_d	≤ 3 V
Operating current I_L	0 ... 200 mA
No-load supply current I_0	≤ 20 mA
Alternating magnetic field B	180 mT
Operating voltage display	LED, green
Indication of the switching state	LED, yellow
Standard conformity	
Standards	IEC / EN 60947-5-2:2004
Ambient conditions	
Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Mechanical specifications	
Connection type	terminal compartment
Core cross-section	up to 2.5 mm ²
Housing material	PBT
Sensing face	PBT
Protection degree	IP68

Connection type:

