



General specifications	
Switching element function	DC Make function
Rated operating distance s_n	15 mm
Installation	not embeddable
Assured operating distance s_a	0 ... 12.15 mm
Reduction factor r_{Al}	0.38
Reduction factor r_{Cu}	0.33
Reduction factor r_{V2A}	0.68
Nominal ratings	
Operating voltage U_B	5 ... 60 V
Switching frequency f	0 ... 20 Hz
Hysteresis H	1 ... 10 typ. 3 %
Reverse polarity protection	Protected against reverse polarity
Short-circuit protection	pulsing
Voltage drop U_d	≤ 5.2 V
Operating current I_L	2 ... 200 mA
Off-state current I_r	0 ... 1 mA typ. 0.7 mA
Constant magnetic field B	200 mT
Alternating magnetic field B	200 mT
Indication of the switching state	LED, yellow
Pre-fault indication	LED, red
Standard conformity	
Standards	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/PPS
Protection degree	IP67

Connection type:

Z0

