



General specifications	
Switching element function	AC Make function
Rated operating distance s_n	10 mm
Installation	embeddable
Assured operating distance s_a	0 ... 8.1 mm
Reduction factor r_{Al}	0.29
Reduction factor r_{Cu}	0.26
Reduction factor r_{V2A}	0.71
Nominal ratings	
Operating voltage U_B	20 ... 250 V
Switching frequency f	0 ... 20 Hz
Hysteresis H	typ. 5 %
Short-circuit protection	no
Voltage drop U_d	≤ 8 V
Momentary current (20 ms, 0.1 Hz)	0 ... 1600 mA
Design data	
Operating current I_L	5 ... 200 mA
Off-state current I_r	0 ... 1.5 mA typ.
Standard conformity	
Standards	IEC / EN 60947-5-2:2004
Ambient conditions	
Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Mechanical specifications	
Connection type	2 m, PVC cable
Core cross-section	0.75 mm ²
Housing material	PBT
Sensing face	PBT
Protection degree	IP68

Connection type:

