



General specifications	
Switching element function	NPN Break function
Rated operating distance s_n	2 mm
Installation	embeddable
Output polarity	switched low
Assured operating distance s_a	0 ... 1.62 mm
Reduction factor r_{AI}	0.15
Reduction factor r_{Cu}	0.1
Reduction factor r_{V2A}	0.65
Nominal ratings	
Operating voltage U_B	10 ... 60 V
Switching frequency f	0 ... 3000 Hz
Hysteresis H	1 ... 10 typ. 3 %
Reverse polarity protection	protected against reverse polarity
Short-circuit protection	pulsing
Voltage drop U_d	≤ 3 V
Design data	
Operating current I_L	0 ... 200 mA
No-load supply current I_0	≤ 11 mA
Standard conformity	
EMC in accordance with	IEC / EN 60947-5-2:2004
Standards	IEC / EN 60947-5-2:2004
Ambient conditions	
Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Storage temperature	-40 ... 85 °C (233 ... 358 K)
Mechanical specifications	
Connection type	2 m, PUR cable
Core cross-section	0.34 mm ²
Housing material	PBT
Sensing face	PBT
Protection degree	IP68

Connection type:

E1

