



Switching element function	PNP Antivalent
Rated operating distance s_n	20 mm
Installation	embeddable
Assured operating distance s_a	0 ... 16,2 mm
Reduction factor r_{AI}	0,3
Reduction factor r_{Cu}	0,3
Reduction factor r_{V2A}	0,8
Reduction factor r_{Ms}	0,4
Operating voltage U_B	10 ... 60 V
Switching frequency f	0 ... 100 Hz
Hysteresis H	1 ... 10 typ. 3 %
Reverse polarity protection	Protected against reverse polarity
Short circuit protection	pulsing
Voltage drop U_d	$\leq 2,8$ V
Operating current I_L	0 ... 200 mA
No-load supply current I_0	≤ 16 mA
Operating voltage display	LED, green
Indication of the switching state	LED, yellow
Standards	EN 50044
Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Storage temperature	-25 ... 85 °C (248 ... 358 K)
Connection type	terminal compartment
Core cross-section	up to 2.5 mm ²
Housing material	PBT
Sensing face	PBT
Protection degree	IP67