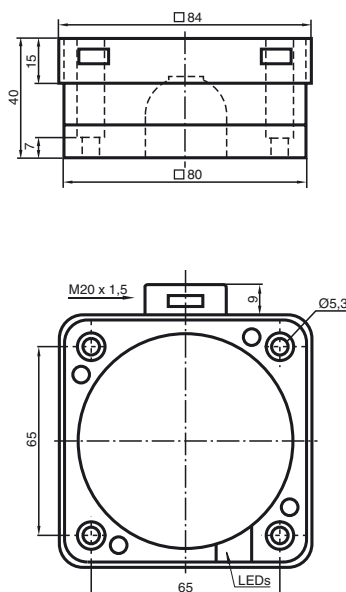


Comfort series
40 mm embeddable



General specifications	
Switching element function	DC Make/Break function
Rated operating distance s_n	40 mm
Installation	embeddable
Assured operating distance s_a	0 ... 32.4 mm
Reduction factor r_{AI}	0.35
Reduction factor r_{Cu}	0.35
Reduction factor r_{V2A}	0.8
Nominal ratings	
Operating voltage U_B	10 ... 60 V
Switching frequency f	0 ... 50 Hz
Hysteresis H	0 ... 20 typ. 5 %
Reverse polarity protection	tolerant
Short-circuit protection	pulsing
Voltage drop U_d	≤ 6 V
Design data	
Operating current I_L	2 ... 200 mA
Off-state current I_r	0.4 ... 1 mA typ. 0.6 mA
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)
Storage temperature	-25 ... 85 °C (248 ... 358 K)
Mechanical specifications	
Connection type	terminal compartment
Core cross-section	up to 2.5 mm ²
Housing material	PBT
Sensing face	PBT
Protection degree	IP67

Connection type:

