



| 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 ... 100 °C (248 ... 373 K) |
| Mechanical specifications | |
| Connection type | 2 m, silicone cable |
| Core cross-section | 0.75 mm ² |
| Housing material | PBT |
| Sensing face | PBT |
| Protection degree | IP68 |

Connection type:

