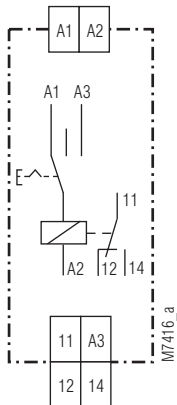


- In accordance with IEC/EN 60 255, IEC/EN 61 810-1
- With service switch Auto/On/Off
- Test possible without influence on PLC
- Input AC/DC 24 V
- 1 changeover contact 5 A
- LED indicator
- Width 11,5 mm

Circuit diagramm



Approvals and marking



Applications

- Link between control and main circuit with integrated selector switch
- manual operation during system failure

Technical data

Input

Rated voltage:	AC/DC 24 V
Voltage range:	AC/DC 0,9 ... 1,1 U _N
Rated frequency:	50 / 60 Hz
Rated consumption:	0,5 VA

Output

Contacts

CB 3057.11:	1 changeover contact
Response time:	≤ 10 ms
Release time:	≤ 20 ms
Thermal current I_{th}:	5 A
Switching capacity to AC 15	
NO contact:	3 A / AC 230 V IEC/EN 60 947-5-1
NC contact:	1 A / AC 230 V IEC/EN 60 947-5-1
Electrical life to AC 15 at 3 A, AC 230 V:	8 x 10 ⁵ switching cycles IEC/EN 60 947-5-1
Permissible switching frequency:	20 1/s
Maximum fuse rating:	4 AgL IEC/EN 60 947-5-1
Mechanical life:	≥ 30 x 10 ⁶ switching cycles

General data

Operating mode:	Continuous operation
Temperature range:	- 20 ... + 60°C
Clearance and creepage distances	
overvoltage category / contamination level:	4 kV / 2 IEC 60 664-1
EMC	
Electrostatic discharge:	8 kV (air) IEC/EN 61 000-4-2
HF irradiation:	10 V / m IEC/EN 61 000-4-3
Fast transients:	2 kV IEC/EN 61 000-4-4
Surge voltages between	
wires for power supply:	1 kV IEC/EN 61 000-4-5
between wire and ground:	2 kV IEC/EN 61 000-4-5
Interference suppression:	Limit value class B EN 55011
Degree of protection:	Housing: IP 40 IEC/EN 60 529
	Terminals: IP 20 IEC/EN 60 529

Technical data

Housing:	Thermoplastic with V0 behaviour to UL Subject 94
Vibration resistance:	Amplitude 0,35 mm frequency 10 ... 55 Hz IEC/EN 60 068-2-6
Climate resistance:	20 / 060 / 04 IEC/EN 60 068-1
Terminal designation:	EN 50005
Wire connection:	4 mm ² solid DIN 46 228-1/-2/-3/-4 or 2,5 mm ² stranded wire with sleeve
Wire fixing:	Box terminal with wire protection, IEC/EN 60 999-1
Mounting:	DIN rail IEC/EN 60 715
Weight:	55 g

Dimensions

Width x height x depth: 11,5 x 75 x 72 mm

Standard type

CB 3057.11 AC/DC 24 V 50/60 Hz	
Article number:	0045545 stock item
• Output:	1 changeover contact
• Nominal voltage U_N :	AC/DC 24 V
• Width:	11,5 mm

Application examples

