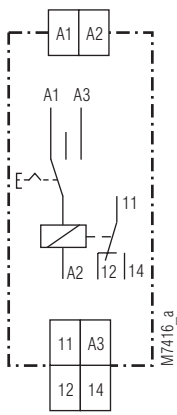


- According to IEC/EN 60 255, IEC/EN 61 810-1
- With service switch Auto/On/Off
- Test possible without influence on PLC
- Input AC/DC 24 V
- 1 changeover contact 5 A
- LED indicator
- Width 11.5 mm

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 IEC/EN 60 947-5-1

to AC 15 at 3 A, AC 230 V: 8 x 10⁵ switching cycles

Permissible switching

frequency: 20 1/s

Maximum fuse rating: 4 AgL IEC/EN 60 947-5-1

Mechanical life: ≥ 30 x 10⁶ switching cycles

Technical Data

General Data

Operating mode:	Continuous operation	
Temperature range:	- 20 ... + 60°C	
Clearance and creepage distances		
rated impuls voltage / pollution degree:	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
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 Example

