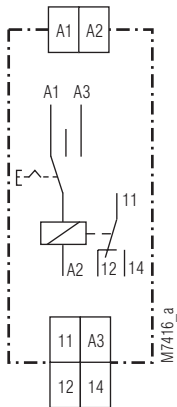


- According to IEC/EN 60947-5-1, IEC/EN 61810-1
- With service switch Auto/On/Off
- Test possible without influence on PLC
- Input AC/DC 24 V
- 1 changeover contact 5 A
- LED indicator
- Width 11.5 mm

Circuit Diagram



Connection Terminals

Terminal designation	Signal description
A1	L / +
A2	N / -
11, 12, 14	Changeover contact

Approvals and Markings



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
Release voltage:	12 % U _N
Nominal consumption:	
AC:	0,5 VA
DC:	0,5 W
Nominal frequency:	50 Hz

Output

Contacts

CB 3057.11:	1 changeover contact	
Contact material:	AgSnO ₂	
Measured nominal voltage:	AC 250 V	
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 60947-5-1
NC contact:	1 A / AC 230 V	IEC/EN 60947-5-1
to DC 13		
NO contact:	1 A / DC 24 V	IEC/EN 60947-5-1
NC contact:	1 A / DC 24 V	IEC/EN 60947-5-1
Electrical life		IEC/EN 60947-5-1
At 3 A, AC 230 V cos φ = 1:	8 x 10 ⁵ switching cycles	
Permissible switching frequency:	20 switching cycles / s	
Maximum fuse rating:	4 A gG / gL	IEC/EN 60947-5-1
Mechanical life:	≥ 30 x 10 ⁶ switching cycles	

Technical Data

General Data

Operating mode:	Continuous operation	
Temperature range		
Operation:	- 20 ... + 60 °C	
Storage:	- 20 ... + 60 °C	
Relative air humidity:	95 % at 40 °C	
Altitude:	≤ 2000 m	
Clearance and creepage distances		
Rated impulse voltage / pollution degree:	4 kV / 2	IEC 60664-1
Overvoltage category:	III	
EMC		
Electrostatic discharge:	8 kV (air)	IEC/EN 61000-4-2
HF irradiation		
80 MHz ... 2.7 GHz:	10 V / m	IEC/EN 61000-4-3
Fast transients:	2 kV	IEC/EN 61000-4-4
Surge voltages between		
Wires for power supply:	1 kV	IEC/EN 61000-4-5
Between wire and ground:	2 kV	IEC/EN 61000-4-5
Interference suppression:	Limit value class B	EN 55011
Degree of protection		
Housing:	IP 40	IEC/EN 60529
Terminals:	IP 20	IEC/EN 60529
Housing:	Thermoplastic with V0 behaviour to UL Subject 94	
Vibration resistance:	Amplitude 0.35 mm frequency 10 ... 55 Hz IEC/EN 60068-2-6	
Climate resistance:	20 / 060 / 04 IEC/EN 60068-1	
Terminal designation:	EN 50005	
Wire connection:	DIN 46228-1/-2/-3/-4	
Cross section:	4 mm ² solid or 2.5 mm ² stranded wire with sleeve	
Stripping length:	10 mm	
Wire fixing:	Box terminal with wire protection, IEC/EN 60999-1	
Fixing torque:	0.8 Nm	
Mounting:	DIN rail IEC/EN 60715	
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	
• Output:	1 changeover contact	
• Nominal voltage U_N :	AC/DC 24 V	
• Width:	11.5 mm	

Application Examples

