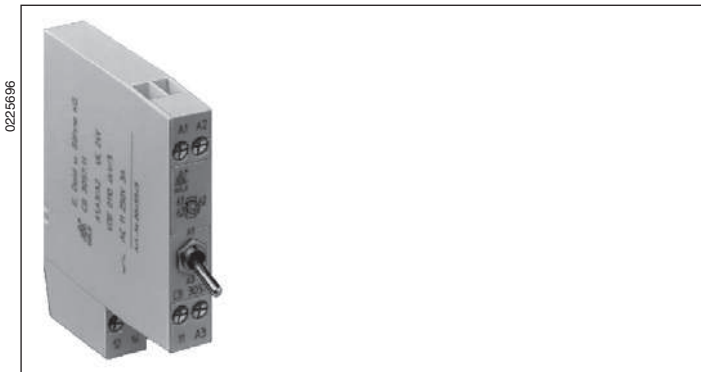
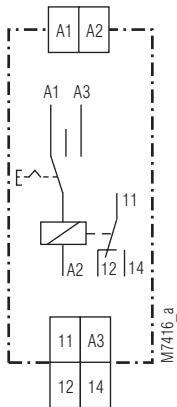




- According to IEC/EN 60 255, IEC/EN 61 810-1
- With service switch Auto/On/Off
- Test possible without influence on PLC
- Input AC/DC 24 V
- 1 changeover contact 5 A
- LED indicator
- Width 11.5 mm

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 mm² solid DIN 46 228-1/-2/-3/-4 or

2.5 mm² 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

