- Installation design
- Width 17.5mm
- Three-way switch:
  permanently OFF or ON, automatic
- Checkback signal of the switch setting 'AUTO'
- 1 change over contact



Technical data

1. Functions

AUTO	automatic
0	permanently OFF
HAND	permanently ON

2. Indicators

Yellow LED ON/OFF: indication of relay output

3. Mechanical design

Self-extinguishing plastic housing, IP rating IP40
Mounted on DIN-Rail TS 35 according to EN 50022
Mounting position: any
Shockproof terminal connection according to VBG 4
(PZ1 required), IP rating IP20
Initial torque: max. 1Nm
Terminal capacity:
1 x 0.5 to 2.5mm² with/without multicore cable end
1 x 4mm² without multicore cable end
2 x 0.5 to 1.5mm² with/without multicore cable end
2 x 2.5mm² flexible without multicore cable end

4. Input circuit

Supply voltage:	24V AC/DC	terminals A1(+)-A2
Signal voltage:	24V AC/DC	terminals A3(+)-A2
Tolerance:	-15% to +10%	
Rated frequency:	48 to 63Hz	
Rated consumption:	0.5VA (0.5W)	
Duration of operation:	100%	
Reset time:	-	
Residual ripple for DC:	10%	
Drop-out voltage:	>10% of supply voltage	

5. Output circuit

1 potential free change over contact

Switching capacity (distance < 5mm):	1250VA (5A / 250V AC)
Switching capacity (distance > 5mm):	2000VA (8A / 250V AC)
Fusing:	8A fast acting
Mechanical life:	20 x 10^6 operations
Electrical life:	2 x 10^5 operations at 1000VA resistive load
Switching frequency:	max. 60/min at 100VA resistive load max. 6/min at 1000VA resistive load (according to IEC 947-5-1)
Insulation voltage:	250V AC (according to IEC 664-1)
Surge voltage:	4kV, overvoltage category III (according to IEC 664-1)

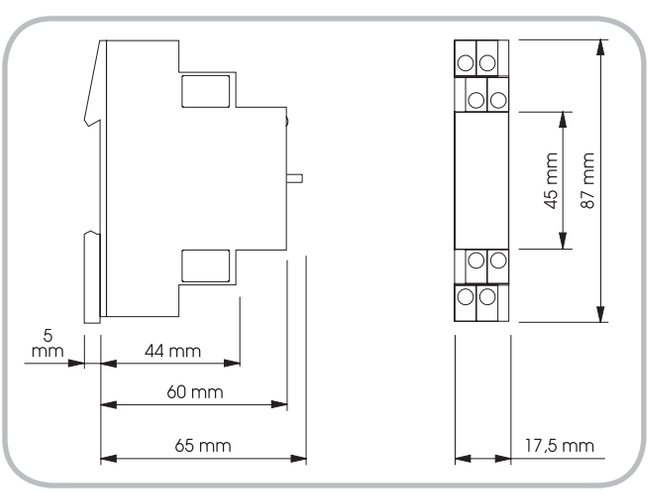
6. Check-back

Position 'AUTO':	terminals B1-B2
Maximal switching capacity:	24VA (500mA / 48V AC/DC)
Minimal switching capacity:	5mVA (1mA / 5V AC/DC)
Contact resistance:	max. 20mΩ
Electrical life:	3 x 10^4 operations at maximum load

7. Ambient conditions

Ambient temperature:	-25 to +55°C (according to IEC 68-1)
Storage temperature:	-25 to +70°C
Transport temperature:	-25 to +70°C
Relative humidity:	15% to 85% (according to IEC 721-3-3 class 3K3)
Pollution degree:	2, if built-in 3 (according to IEC 664-1)

8. Dimensions



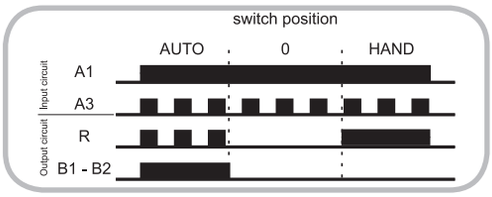
Subject to alterations and errors

Functions

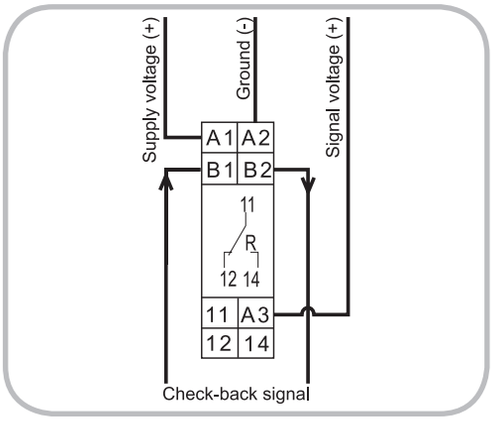
Automatic (AUTO):
The contact of checkback B1-B2 is closed.
When the signal voltage U is applied at terminal A3 the output relay R switches into on-position (yellow LED illuminated).

Permanently OFF (0):
The contact of checkback B1-B2 is opened.
The output relay R remains in off-position independent from the connected signal voltage.

Permanently ON (HAND):
The contact of checkback B1-B2 is opened.
When the supply voltage U is applied at terminal A1 the output relay R switches into on-position (yellow LED illuminated).
Changes of the signal voltage do not influence the state of the output relay.



Connections



Subject to alterations and errors