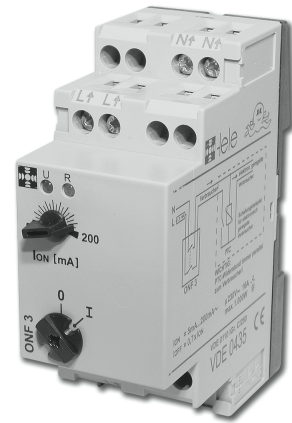


- Mains decoupler with all-pole disconnectin
- 2 change-over contacts
- Width 35mm
- Installation design



Technical data

1. Functions

0	Automatic OFF
I	Automatic ON

2. Time ranges

Tripping delay:	Adjustment range fixed, approx. 6s
Rise time:	fixed, approx. 0.5s

3. Indicators

Green LED ON:	indication of supply voltage
Yellow LED ON:	indication of relay output

4. Mechanical design

Self-extinguishing plastic housing, IP rating IP40
 Mounted on DIN-Rail TS 35 according to EN 60715
 Mounting position: any
 Shockproof terminal connection according to VBG 4 (PZ1 required),
 IP rating IP20
 Tightening 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 ends
 2 x 2.5mm² flexibel without multicore cable ends

5. Input circuit

Supply voltage:	230V AC	terminals L↑-N↑ (bottom of device)
Tolerance:	-15% to +10%	
Rated frequency:	48 to 63Hz	
Rated consumption:	11VA (1.6W)	
Duration of operation:	100%	
Reset time:	-	
Residual ripple for DC:	-	
Drop-out voltage:	>10% of the supply voltage	

6. Output circuit

2 potential free n.o. contacts	terminals L↑ L↑ - N↑ N↑ (top of device)
Switching capacity:	4000VA (16A / 250V AC)
Fusing:	16A fast acting
Mechanical life:	30 x 10 ⁶ operations
Electrical life:	2 x 10 ⁵ operations at 1000VA resistive load max. 60/min at 100VA resistive load max. 6/min at 1000VA resistive load (according to IEC 947-5-1)
Switching frequency:	250V AC (according to IEC 664-1) 4kV, overvoltage category III (according to IEC 664-1)
Rated voltage:	
Rated surge voltage:	

7. Measuring circuit

Measuring circuit:	terminals see output circuit
Measuring voltage:	200 to 250mV DC
Activation current I _{ON} :	5 to 200mA
Release current:	fixed, approx. 70% I _{ON}

8. Accuracy

Base accuracy:	±10% (of maximum scale value)
Adjustment accuracy:	≤5% (of maximum scale value)
Repetition accuracy:	≤2%
Voltage influence:	≤0.5% / V
Temperature influence:	≤0.1% / °C

9. 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)

Functions

For the proper functioning of the device the DC-resistance of the consumer should be sufficiently low. In order to ensure this the consumer has to be equipped if necessary with a base load component (Type GLE). The base load component is connected to the voltage along with the consumer.

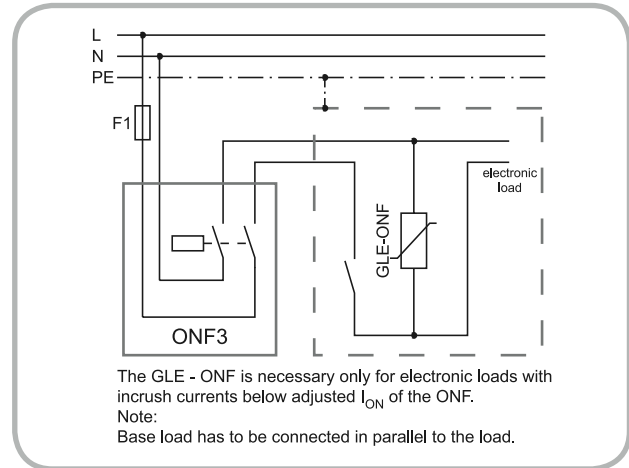
Automatic OFF (0)

The automatic monitoring is cut off for testing purposes. The circuit is constantly connected with the mains and the output relay switches into on-position on applying the supply voltage (yellow LED illuminated).

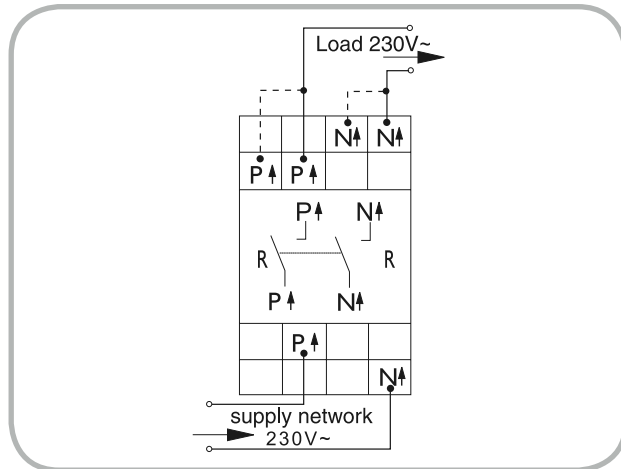
Automatic ON (I)

When the current required by the connected consumers falls below 70% of the making current set at the I_{on} -regulator, the fixed interval of the release time (approx. 6s) begins. After the interval has expired, the output relay switches into off-position (yellow LED not illuminated) and the circuit is separated from the mains.

With a very small DC-voltage the line is now monitored for the activation of one of the consumers. If due to the activation of a consumer the current exceeds the set value, the output relay again switches into on-position (yellow LED illuminated) and the circuit is reconnected with the mains.



Connections



Dimensions

