

ENYA series

OFF Delay

Wide input range

1 change over contact

Width 17.5 mm

Installation design



Technical data

1. Functions

R OFF Delay

2. Time ranges

Adjustment range
OFF Delay: 30s to 10min

3. Indicators

Green LED U/t ON: indication of supply voltage
Green LED U/t flashes: indication of time period
Yellow LED R ON/OFF: 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 end
2 x 2.5mm² flexible without multicore cable end

5. Versorgungskreis

Supply voltage: 24V to 240V AC/DC
Terminals: A1(+) - A2
Tolerance: -15% to +10%
Rated consumption: 4VA (1.5W)
Rated frequency: AC 48 to 63Hz
Duty cycle: 100%
Reset time: 100ms
Residual ripple for DC: 10%
Drop-out voltage: >30% of min. supply voltage
Overvoltage category: III (in accordance with IEC 60664-1)
Rated surge voltage: 4kV

6. Output circuit

1 potential free change over contact
Rated voltage: 250V AC
Switching capacity: 2000VA (8A / 250V)
Fusing: 8A fast acting
Mechanical life: 20 x 10⁶ operations
Electrical life: 2 x 10⁵ operations
at 1000VA resistive load
Switching frequency: max. 6/min at 1000VA resistive load
(in accordance with IEC 60947-5-1)
Overvoltage category: III (in accordance with IEC 60664-1)
Rated surge voltage: 4kV

7. Control input

Input not potential free: terminals A1-B1
Loadable: yes
Max. line length: 10m
Trigger level (sensitivity): automatic adaption to supply voltage
Min. control pulse length: DC 20ms / AC 50ms

8. Accuracy

Base accuracy: ±1% of maximum scale value
Adjustment accuracy: <5% of maximum scale value
Repetition accuracy: <0.5% or ±5ms
Voltage influence: -
Temperature influence: ≤0.01% / °C

9. Ambient conditions

Ambient temperature: -25 to +55°C
Storage temperature: -25 to +70°C
Transport temperature: -25 to +70°C
Relative humidity: 15% to 85%
(in accordance with IEC 60721-3-3 class 3K3)
Pollution degree: 2, if built-in 3
(in accordance with IEC 60664-1)

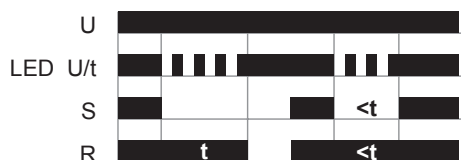
10. Weight

Single packing: 72g
Package 10pcs: 670g per Package

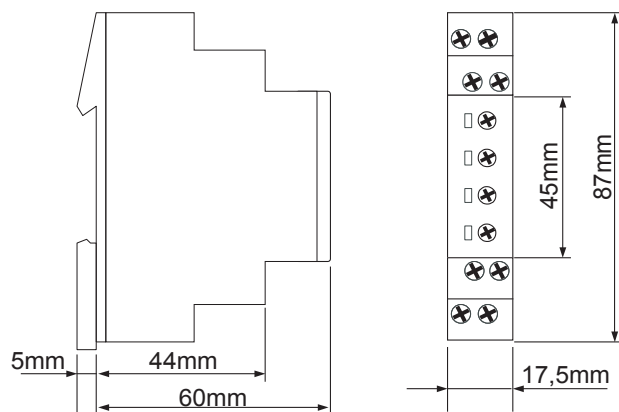
Functions

OFF delay (R)

The supply voltage U must be constantly applied to the device (green LED U/t illuminated). When the control contact S is closed, the output relay R switches into on-position (yellow LED illuminated). If the control contact is opened, the set interval t begins (green LED flashes). After the interval t has expired (green LED U/t illuminated) the output relay switches into off-position (yellow LED not illuminated). If the control contact is closed again before the interval t has expired, the interval already expired is erased and is restarted.



Connections



Connections

