



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 2.5mm<sup>2</sup> with/without multicore cable end  
1 x 4mm<sup>2</sup> without multicore cable end  
2 x 0.5 to 1.5mm<sup>2</sup> with/without multicore cable end  
2 x 2.5mm<sup>2</sup> flexible without multicore cable end

### 5. Supply circuit

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 10<sup>6</sup> operations  
Electrical life: 2 x 10<sup>5</sup> 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)

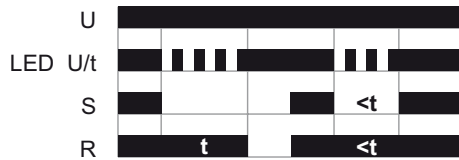
### 10. Weight

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

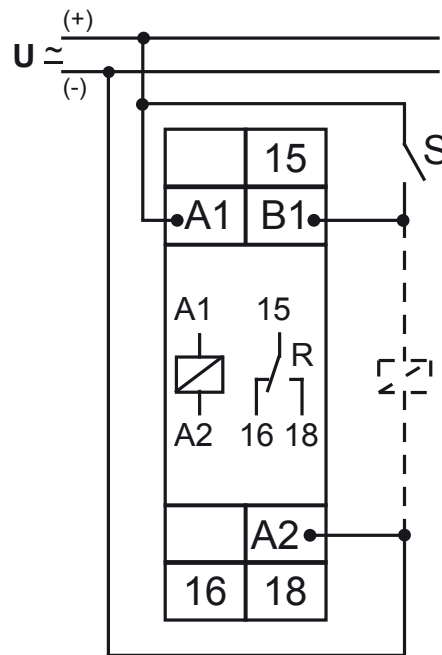
## Functions

### OFF delay (R)

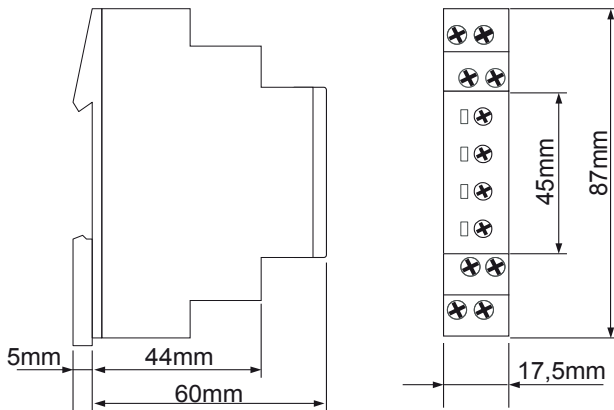
The supply voltage U must be constantly applied to the device (green LED U/t illuminated). When the control contact S is closed, the output relay R switches into on-position (yellow LED illuminated). If the control contact is opened, the set interval t begins (green LED flashes). After the interval t 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



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Subject to alterations and errors

