

## INSTALLATION RELAYS



### Installation relays RPR-16-..

- For switching of electric appliances up to 16 A – electric boilers, direct heating convectors, accumulator stoves, lighting etc.
- For automation purposes in connection with a multiple-function time relay MCR, impulse relay MIR, priority relay RLP, signal light MKA, program timer MAP, MAR, tumbler switches MSP, control push-buttons MTX etc.
- Light indication at power up.
- Noiseless switching.
- Contacts: 1 make-and-break.
- Control voltage: 24 V a.c./d.c.; 230 V a.c.
- There is ensured such electrical isolation between the control circuit (coil) and main circuit (contact) as it is between inlet and outlet lead of the safety transformer.

Rated voltage $U_c$	Colour of indication	Type	Product code	Number of modules	Weight [kg]	Package [pcs]
24 V a.c. / d.c., 230 V a.c.	red	<b>RPR-16-001-X230-SC</b>	35668	1	0.07	1
	green	<b>RPR-16-001-X230-SE</b>	35669	1	0.07	1



### Installation relays RPR-08-..

- For switching of electric appliances up to 8 A – electric boilers, direct heating convectors, accumulator stoves, lighting etc.
- For automation purposes in connection with a multiple-function time relay MCR, impulse relay MIR, priority relay RLP, signal light MKA, program timer MAP, MAR, tumbler switches MSP, control push-buttons MTX etc.
- Light indication at power up.
- Noiseless switching.
- Contacts: 2 make-and-break.
- Control voltage: 24 V a.c./d.c.; 230 V a.c.
- There is ensured such electrical isolation between the control circuit (coil) and main circuit (contact) as it is between inlet and outlet lead of the safety transformer.

Rated voltage $U_c$	Colour of indication	Type	Product code	Number of modules	Weight [kg]	Package [pcs]
24 V a.c. / d.c., 230 V a.c.	red	<b>RPR-08-002-X230-SC</b>	35670	1	0.07	1
	green	<b>RPR-08-002-X230-SE</b>	35671	1	0.07	1

# INSTALLATION RELAYS

## Specifications

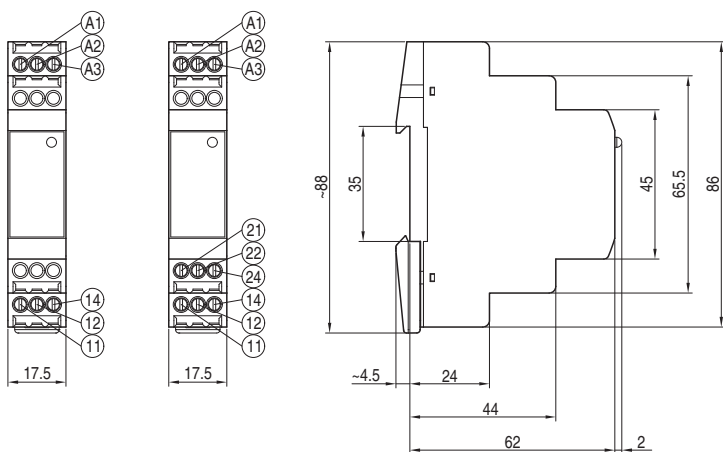
Type		RPR-16-...	RPR-08-...
Standards		EN 60669-2-2	EN 60669-2-2
Approval marks			
<b>Main circuit (contact)</b>			
Arrangement of contacts <sup>1)</sup>		001	002
Rated operating voltage / current	$U_e / I_e$	AC-1	250 V a.c. / 16 A
		DC-1	24 V d.c. / 16 A
Max. switched power		AC	4000 VA
		DC	384 W
Min. voltage / current		5 V d.c. / 100 mA	-
Signalling at power up		red / green LED	red / green LED
Mechanical endurance		20 000 000 operating cycles	5 000 000 operating cycles
Electrical endurance		50 000 operating cycles (AC), 30 000 (DC)	100 000 operating cycles
Connection		0.2 ÷ 2.5 mm <sup>2</sup>	0.2 ÷ 2.5 mm <sup>2</sup>
Torque		0.5 Nm	0.5 Nm
<b>Control circuit (coil)</b>			
Rated voltage	$U_c$	terminals A1, A2	24 V a.c./d.c.
		terminals A2, A3	230 V a.c.
Input power at		$U_c$ 24 V a.c.	0.42 VA
		$U_c$ 24 V d.c.	0.43 W
		$U_c$ 230 V a.c.	5.5 VA
			5.5 VA
Rated frequency	$f_n$	50 Hz	50 Hz
Connection		0.2 ÷ 2.5 mm <sup>2</sup>	0.2 ÷ 2.5 mm <sup>2</sup>
Torque		0.5 Nm	0.5 Nm
<b>Other data</b>			
Mounting on "U" rail according to EN 60715 - type		TH 35	TH 35
Degree of protection		IP20	IP20
Ambient temperature		-20 ÷ +55 °C	-20 ÷ +55 °C
Working position		arbitrary	arbitrary

<sup>1)</sup> Each digit indicates successively the number of make, break and break-make contacts

## Dimensions

RPR-16-..

RPR-08-..



## Diagram

RPR-16-..

RPR-08-..

