

## 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 brake-make
- Control voltage: 24 V a.c./d.c.; 230 V a.c.

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 brake-make
- Control voltage: 24 V a.c./d.c.; 230 V a.c.

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

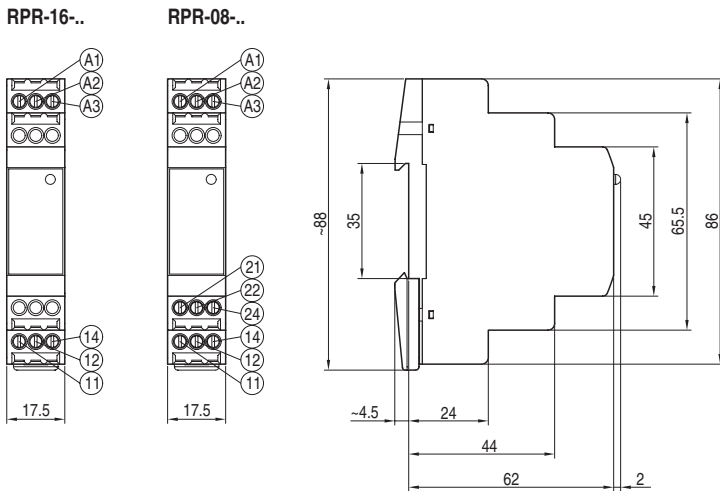
# INSTALLATION RELAYS

## Specification

Type	RPR-16-...		RPR-08-...
Standards	EN 60669-2-2		EN 60669-2-2
Approval marks			
<b>Main circuit (contact)</b>			
Sequence <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. voltage	440 V a.c., 300 V d.c.		440 V a.c., 30 V d.c.
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		$U_c$ 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
Seismic immunity	3g / 8 ÷ 55 Hz		3g / 8 ÷ 55 Hz

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

## Dimensions



## Diagram

