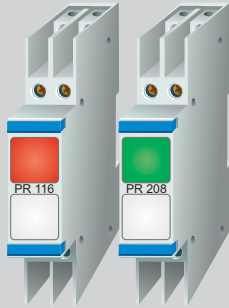


INSTALLATION RELAYS



- For automation purposes in connection with a multi-function time relay, impulse relay, priority relay, signal light, program timer, switches, push-buttons etc.
- Light indication at power up
- Noiseless switching
- Electric isolation is provided between the control circuit (coil) and the main circuit (contact) like between the input and output circuits of a protective transformer

PR116

- For switching of electric appliances up to 16 A – electric boilers, direct heating convectors, accumulator stoves, lighting etc.
- Contacts: 1 brake-make
- 3 various control voltages in one device: 24 V / 230 V a.c.; 24 V d.c.

PR208

- For switching of electric appliances up to 8 A – electric boilers, direct heating convectors, accumulator stoves, lighting etc.
- Contacts: 2 brake-make
- Control voltage: 24 V / 230 V a.c.; 24 V d.c.

Installation relays

Control voltage AC/DC [V]	Contact Sequence ¹⁾	Voltage/current [V/A]	Signalling	Type	Product code	Weight [kg]	Packing [pcs]
24, 230 / 24	001	250/16	red	PR116-SC	11166	0.1	1
			green	PR116-SE	15415	0.1	1
24 / 24	002	250/8	red	PR208-024-SC	11169	0.1	1
			green	PR208-024-SE	15417	0.1	1
230 / -	002	250/8	red	PR208-230-SC	11168	0.1	1
			green	PR208-230-SE	15416	0.1	1

¹⁾ Each digit indicates successively the number of make, break and break-make contacts

Accessories to PR116, PR208

Label	P...-LSN	page 25
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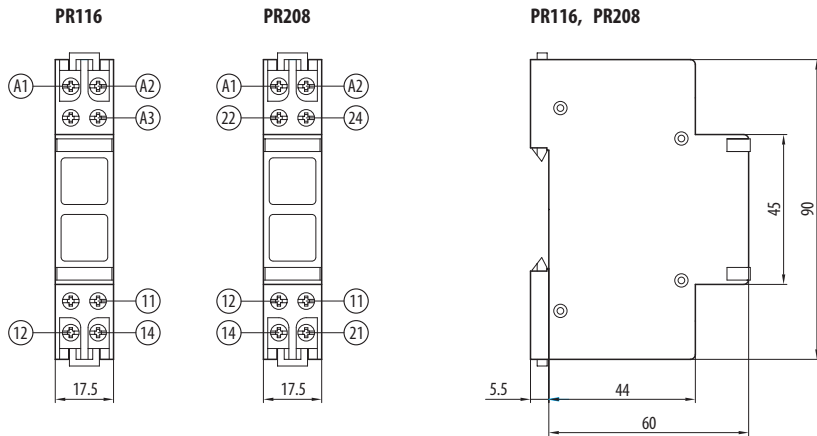
Specification

Type	PR116	PR208
Approval marks		
Main circuit (contact)		
Sequence ¹⁾	001	002
Rated operating voltage/current	AC-1 U_e/I_n	250 V/16 A
	DC-1 U_e/I_n	24 V/16 A
Maximum voltage	440 V a.c./300 V d.c.	440 V a.c.
Maximum switched power	4000 VA/384 W	2000 VA/240W
Minimum switched power	100 mA / 5 V d.c.	-
Signalling at power up	red/green LED	red/green LED
Endurance	electrical	50 000 operating cycles (a.c.) /30 000 operating cycles (d.c.)
	mechanical	20 000 000 operating cycles
Connection	0.75 ÷ 6 mm ² , 2x(0.75 ÷ 2.5) mm ²	0.75 ÷ 6 mm ² , 2x(0.75 ÷ 2.5) mm ²
Control circuit (coil)		
Rated control voltage	U_c 24 V a.c./d.c. (A1, A2); 230 V a.c. (A3, A2)	24 V a.c./d.c., 230 V a.c.
Power input/voltage	at operation U_c 24 V a.c.	0.42 VA
	U_c 24 V d.c.	0.43 W
	at operation U_c 230 V d.c.	5.5 VA
Rated frequency	f_n 50 Hz	50 Hz
Connection	0.75 ÷ 6 mm ² , 2x(0.75 ÷ 2.5) mm ²	0.75 ÷ 6 mm ² , 2x(0.75 ÷ 2.5) mm ²
Other data		
Mounting on the rail DIN EN 50 022 - width	35 mm	35 mm
Degree of protection	IP20	IP20
Ambient temperature	-20 ÷ 50 °C	-20 ÷ 50 °C
Operating position	arbitrary	arbitrary
Seismic immunity (8÷50 Hz)	3 g	3 g

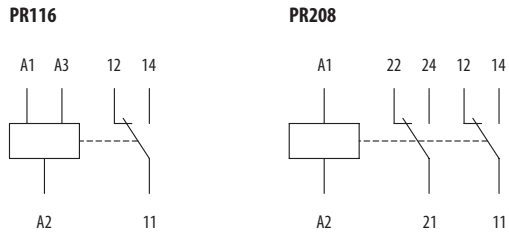
¹⁾ Each digit indicates successively the number of make, break and break-make contacts

INSTALLATION RELAYS

Dimensions



Diagram



LOCKING INSERT, LABELS



Locking insert VU-LSN

- Accessories to: LSN, LSE, ASN, MS
- For reliable locking in both closed and open positions
- The breaking function of miniature circuit breakers is possible also in the locked position
- Max. diameter of the lock shank – 4.5 mm
- The padlock is not a part of delivery

Label P...-LSN

- Accessories to: LSN, ASN, MS, MT, MK, M2T, MCR, IR116K, C-IR, D-IR, PR116, PR208, ...
- For better orientation in the switchboard
- Use spirit marker for description of blank labels

Locking insert

Type	Product code	Weight [kg]	Packing [pcs]
VU-LSN	09087	0.002	1

Labels

Description	Colour	Type	Product code	Weight [kg]	Packing [pcs]
	■	PB-LSN	01499	0.001	20
L1	■	PB07-LSN	01506	0.001	20
L2	■	PB08-LSN	01507	0.001	20
L3	■	PB09-LSN	01508	0.001	20
	□	PW-LSN	01509	0.001	20

Dimensions

VU-LSN

