

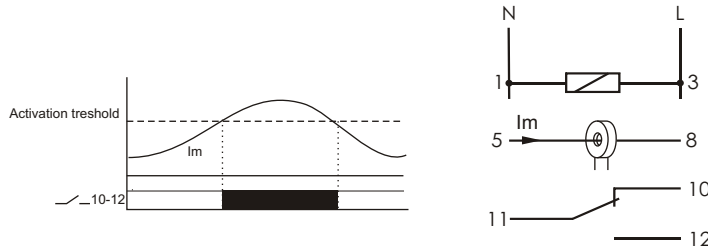
PURPOSE

Current relays are used to control the flow of current in the circuit measured with the function switch contact in case of exceeding the value of current intensity above set thresholds.

EPP-619 WITH RECEIVER'S CURRENT CORD SECTION. (GALVANIC SEPARATED FROM THE MEASUREMENT SYSTEM)

FUNCTIONING

Adjustable potentiometer value is the measured intensity of the current circuit, above which the contact is closed (pos. 11-12). Intensity of the current decline in value below the set threshold will automatically open contact (item 11-10).

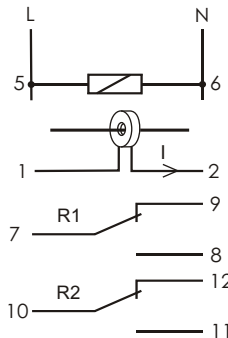


supply	230V AC
contact	separated 1P
current load	<16A
circuit current measured limited cross-section of the cable (max. Ø=4mm)	
current switch - adjustable	0,6÷16A
return hysteresis	10%
actuation time - adjustable	0,5÷10sec
return time	0,5sec
power consumption	0,4Wworking
temperature	-25÷50°C
connection	screw terminal 2,5mm ²
dimensions	1 module (18mm)
fixing	on rail TH-35

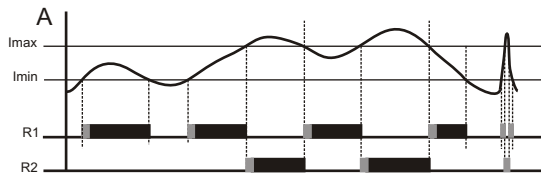
EPP-620 FOUR FUNCTIONS. WITH ADJUSTABLE LOWER AND UPPER ACTUATION THRESHOLD.

FUNCTIONING

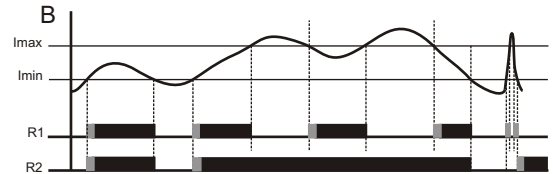
The relay is designed to work with the current transformer with secondary current 5A. Transformer's primary circuit is included in the circuit being measured, and secondary to the terminals of the measuring relay. Potentiometers are set thresholds for current - the lower I_{min} and upper I_{max} . Excess over the measured intensity of the current closes the appropriate contacts in accordance with the desired work function. Contact closure is delayed setting potentiometers T1 (for contact R1) and T2 (for



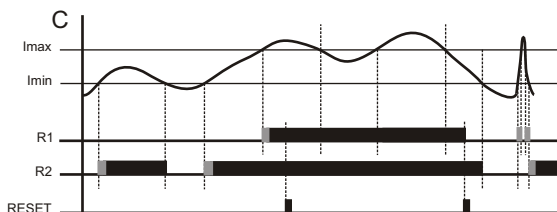
supply	230V AC
contact	2× separawany 1P
current load R1 i R2	<16A
input current measurement 1-2	<5A
current switch - adjustable	I_{min} 0,02÷1A
	I_{max} 0,5÷5A return
hysteresis	10%
actuation time T1 i T2 - adjustable	0÷20sec
return time	0,5sec
power consumption	0,4W
working temperature	-25÷50°C
connection	screw terminals 2,5mm ²
dimensions	3 modules (52,5mm)
fixing	on rail TH-35



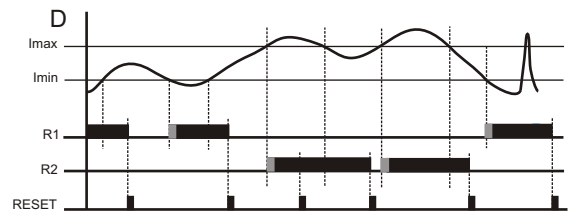
After crossing the I_{min} , contact R1 will close. After crossing the threshold of I_{max} contact R2 will close and R1 contact will be opened.



After crossing the I_{min} contacts R1 and R2 will close. After crossing the threshold of I_{max} R1 contact will open and R2 contact is closed.



After crossing the I_{min} the R2 contact will be closed. After crossing the threshold of I_{max} the R1 contact will be closed. Contact R1 is locked until you press the RESET button. If value exceeding I_{max} , the R1 contact doesn't react to the RESET button.



After crossing the I_{min} the R1 contact will be closed. After crossing the threshold of I_{max} the R2 contact will be and R1 contact is opened. Contact R1 and R2 are locked until you press the RESET button. If a value exceeding I_{max} , the contact R2 doesn't react to RESET.