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## CP-733 VOLTAGE RELAYS under voltage



www.fif.com.pl

F&F products are covered by an 24 months warranty from date of purchase

### PURPOSE

Voltage relays CP-733 serves to voltage control in single or three phase mains and to protect receiver against the effects of voltage collapse or increase beyond set values.

### FUNCTIONING

Supplied a relay is signalized by shine of LED green U. Correct value of voltage is signalized by shine of LED yellow L1, L2 and L3 in all line of phases ( open joints of relays). Change of phase voltage on one of phases above or below set voltage thresholds will cause relay contact close (yellow LED doesn't shine in line of that phase). Open the relay's contact will automatically make after return value of voltage of phase or up a value of voltage by 5 V below set voltage threshold (it mean value of hysteresis).

### TEST

Pressing an impulse switch marked as a TEST in the circuit of a given phase close the contact for this phase for the time the switch remains pressed.

### ASSEMBLY

1. Take OFF the power.
2. Put on the relay on the rail in the switchgear box.
3. Connected to installation with wiring diagram.
4. Set to voltage activation thresholds.

### TECHNICAL DATA

supply	3×(50÷450)V AC
current load	3×(<8A)
joints	1×1R
sygnalling of supply	3×LED
voltage activation treshold	170÷210V
hystereisis	5V
activation time	0,5sec
recovery time	1,5sec
power consumption	0,8W
working temperature	-25÷50°C
durability	10 <sup>5</sup> of switching
connection	screw terminals 2,5mm <sup>2</sup>
dimensions	3 modules (52,5mm)
fixing	on rail TH-35

### WIRING DIAGRAM

