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## OP-230

### OVERVOLTAGE PROTECTOR type3 with a triple interference filter



www.fif.com.pl

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

#### PURPOSE

OP-230 is a professional grade III collateral for equipment operating in industrial switchgear, especially in the over-sensitive to the mains. Dedicated especially for large-scale industrial automation systems using time relays, PLC, multimeters, computers and other microprocessor devices. Also for use in domestic installations as a security hardware and RTV.

#### ASSEMBLY

1. Take OFF the power.
2. Put on indicator on the rail in the switchgearbox.
3. Connect to system with wiring diagram.

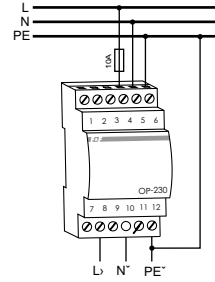
#### ATTENTION

Layout care with fuse a value of <10A only if the fuses in the installation before of the protectors are greater than the value of 10A.

#### TECHNICAL DATA

standard no	IEC 61643-1:2001
type	3
rated voltage	230V AC
rated current	10A
rated frequency	50Hz
max stable working voltage	255V
overvoltage protection level L*N	<1,25kV
protection level L(N)*PE	<1,5kV
activation time	<25nsec
additional protection	10A gL/gG lub C10A
induktans	1mH/lor
leakage current	0,5mA
capacitance L*N	880nF
capacitance L(N)*PE	2,2nF
electromagnetic interference damping capacity	>85dB
connection	screw terminals 2,5mm <sup>2</sup>
working temperature	-25+50°C
dimensions	1 modules (52,5mm)
weight	170g
fixing	on rail TH-35

#### WIRING DIAGRAM



A090728