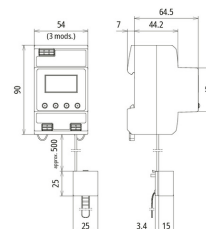


IPC P4 (910 513)

- Potential-free registration of discharge currents occurred in surge protective devices
- Display of an impulse on OLED display
- Device access via RS 485 interface
- Easy installation of the sensor on the earth conductor of the arrester with an integrated fixing lug
- Counter in a DIN-rail-mounted enclosure (3 modules)
- Twisted sensor cable 0.5 m long



Figure without obligation



Dimension drawing IPC P4

Smart lightning strike counter for potential-free recording of the number and time (date of occurrence with time stamp) of discharge currents. In battery operation (standalone, without power supply unit) with local storage of data and readings on the display. In mains operation with optional communication (Modbus RTU) between counter and external control room.

Type	IPC P4
Part No.	910 513
Lightning counter according to GB/T 33588.6 and EN/IEC 62561-6	type I + type II
Maximum impulse discharge current counted (10/350 μ s) ($I_{imp\ max}$)	100 kA
Minimum impulse discharge current counted (10/350 μ s) ($I_{imp\ min}$)	1 kA
Maximum discharge current counted (8/20 μ s) ($I_{n\ max}$)	100 kA
Minimum discharge current counted (8/20 μ s) ($I_{n\ min}$)	1 kA
OLED display	electronic counter 0-999
Power supply	Lithium-manganese dioxide battery or 9–36 V DC
Battery charge control	OLED on the device or via remote access
Resetting device	Buttons on the device (e.g. to reset the counter reading to 0) or via remote access
Operating temperature range	-20 °C ... +70 °C
Storage temperature range	-30 °C ... +80 °C
For mounting on	35 mm DIN rails acc. to EN 60715
Enclosure material (counter)	thermoplastic, red, UL 94 V-0
Enclosure material (sensor)	Polyamide
Place of installation	indoor installation
Degree of protection	IP 20
Communication Protocol	Modbus RTU
Communication Interface	RS 485
Dimensions (counter)	3 modules, DIN 43880
Dimensions (sensor)	25 mm x 25 mm x 15 mm
Accessories included in delivery	Sensor with integrated fixing lug
Type of terminals	push-in
Standby Power	1x lithium battery type CR17505 (interchangeable)
Communication	not available in battery operation (standalone, without power supply unit); available when operated with power supply unit
Length of the connecting cable (sensor to counter)	0.5 m, twisted
Recommended accessories (not included)	1x lithium battery type CR17505, power supply unit PSU DC24 30W, USB interface converter USB NANO 485
Weight	135 g
Customs tariff number (Comb. Nomenclature EU)	90291000
GTIN	6942299506310
PU	1 pc(s)

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.