

DATASHEET

CATEGORY: SPD accessories
NAME: Surge counter
REFERENCE: AT-3502

PRODUCT DESCRIPTION

Product for counting discharges by surge protective devices.



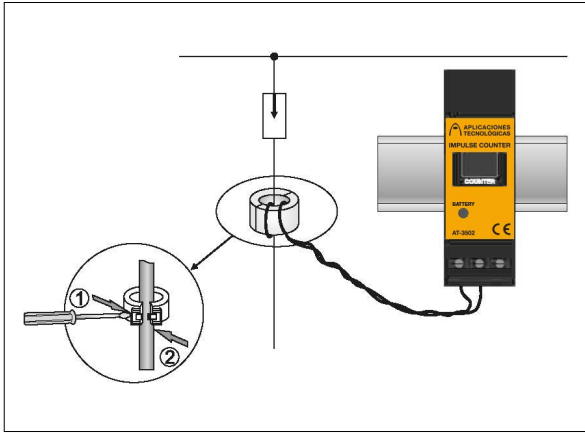
1.5 standard module width
 Inductive loop (feed through with the earthing cable of surge protective devices)
 Powered by replaceable 3 V Lithium battery, 4 digits LCD display
 1m long inductive twisted pair

TECHNICAL DATA

Reference	AT-3502
Length	63.5 mm
Width	26.5 mm
Height	90 mm
Modules number DIN (DIN 43880)	1.5
Location	Indoor
Enclosure protection	IP20
Fixing	DIN rail
Enclosure material	Thermoplastic
Autoextinguish enclosure	V-0 type according to UNE-EN 60707 (UL94)
Response behaviour of impulse current	> 1 kA, rise time: 8-10 us
Sequence of impulse	> 1 s
LCD indicator	0 to 9999
Inductive line	1 m long twisted-pair
Power supply	3 V battery; type: CR123A, exchangeable
Service of battery	> 2.5 years
Standards	Complies with CE (LVD, EMC)

INSTALLATION, SAFETY AND MAINTENANCE

> INSTALLATION



1. Attached to the battery is a insulated tieback, pull the tieback "Battery on PULL" before installation to ensure the power supply works normally.
2. Open the attached inductive ring and hitch around the earthing wire, then fixed the SPD on the 35mm DIN rail.
3. Fault resolution: when the product indicates incomplete, still reset or even no indication, open the bottom enclosure, unplug the internal battery for about 5 minutes and then reinstall it back. Pay attention to the battery and its holder's positive(+) and negative (-) accordingly. In this condition, the display screen will operate normally and do the reset testing setting.
4. Testing direction:
Long press the button "BATTERY". LCD will indicate the current level of the battery. If the battery is fully charged it will show "H1". If the display screen show "L0", you should change the batteries.

> SAFETY AND MAINTENANCE

1. The device must be installed by electrically skilled person, conforming to national standards and safety regulations.
2. It is recommended that installation should be done under power off condition.