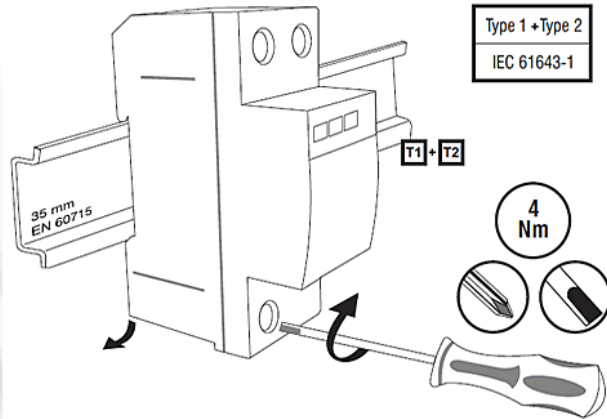


# Installation Instruction For:

## Type 1 & 2 Lightning and Surge Arrester, 15kA, TP&N

### Technical Data

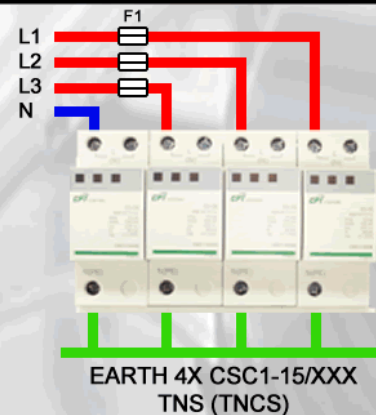
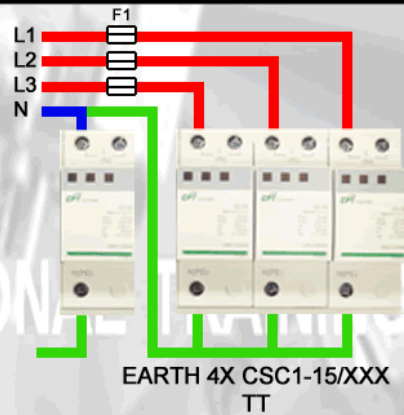
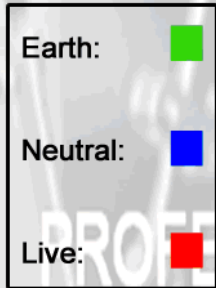


Type 1 + Type 2  
IEC 61643-1

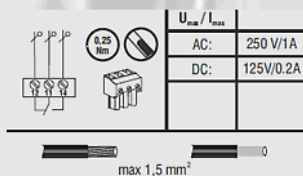
### Serie CSC1-15

Model	CSC1-15/120	CSC1-15/230	CSC1-15/320	CSC1-15/440	CSC1-30N
limp	15 kA				30 kA
I <sub>max</sub>	100 kA				
U <sub>c</sub> (50/60 Hz)	150 V	275 V	320 V	440 V	275 V
I <sub>max</sub> (max.)	125 A gL			80 A gL	—
Range °C	-40 °C ... +80 °C				
IP code	20				
min. <input type="checkbox"/> L,N,PE	6 mm <sup>2</sup>				
max. <input type="checkbox"/> L,N,PE	25 mm <sup>2</sup>		35 mm <sup>2</sup>		

### Connection



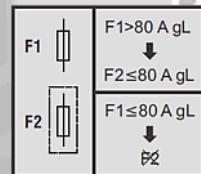
### Remote Monitoring



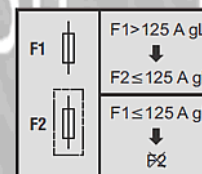
### Fault Indicator



77738712 TP&N



77738712 TP&N



### Safety Instructions:

#### IEC 61643-1 Standard

Wiring and assembly of the CSC1-15 shall be carried out by professional electricians only. Electrical standards and rules must be taken into consideration, as well as any applicable national and local regulations or laws.

Before proceeding with the installation, check the external status of the unit making sure it has not suffered any transportation damages. The system shall under no circumstances be installed if there is any evidence of damage or flaws.

The usage of CSC1-15 is limited to scope and conditions described in the pages of the installation guide. The protector and the loads connected to it may result into damage if the indicated values are exceeded. Inappropriate manipulation or modifications of any kind will invalidate the guarantee under which this electrical apparatus is delivered.

### S - P - D (Speedy Professional Delivery)



Connection to an Earth IS ESSENTIAL for proper operation of the product.

A fuse or a circuit breaker is needed to protect the SPD

The protector SHOULD NOT ever be installed outdoors