

# **PoE Surge Protector**

Installation Instructions

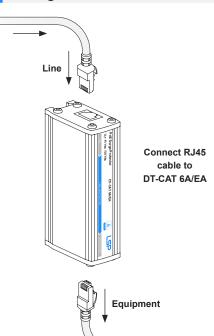
#### **DT-CAT 6A/EA**



#### ▲ Important Notes:

- Please read this manual carefully before installing or operating the product. If you have any questions, please contact our company.
- Unauthorized disassembly of the product is strictly prohibited to prevent instrument failure or malfunctions.

### Wiring



## Working Conditions



+2000 m max. -500 m min.



+70 °C max. -40 °C min.

IP20 (built in)
Indoor use only

€ 5%

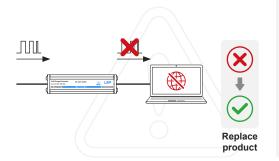
Humidity range 5% to 95%

#### Characteristics

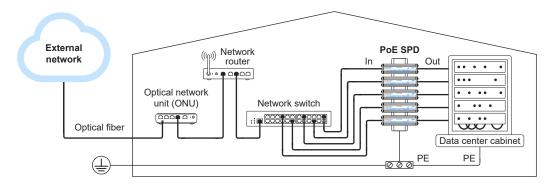
Max. continous voltage DC	58 V	
Max. continous voltage AC	41 V	
Load current I <sub>L</sub>	1 A	
Nominal discharge current C2 (LineLine)	150 A	
Nominal discharge current C2 (Total)	7 kA	
Protecionlevel up(Lineline)	120 V	
Protecionlevel up (LineEarth)	700 V	
Umax @ C3 (10)	90 V	
Degree of protection	IP10	
Max. Frequency	500 MHz	
Channel performance	ANSI/TIA	ISO/IEC
	CAT6A	Class EA

#### Maintenance



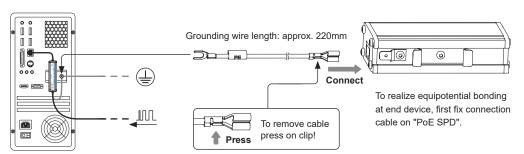


#### Application Example

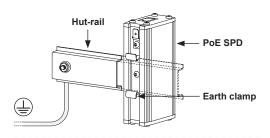


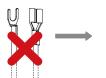
Warning: To ensure Class EA and CAT6A channel performance, all cabling and components must be high quality and comply with ISO/IEC or ANSI/TIA/EIA standards.

#### Protection for End Device



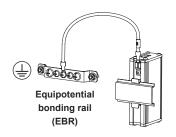
#### Connection on Hut-rail





Earth connection will be done by earth clamp in case of hut-rail installation. Only earthing of the hut-rail is nessesary.

### Equipotential Bonding on Hut-rail



Connection length to earth should be as short as possible for optimal protection level.

Use local equipotential bonding!