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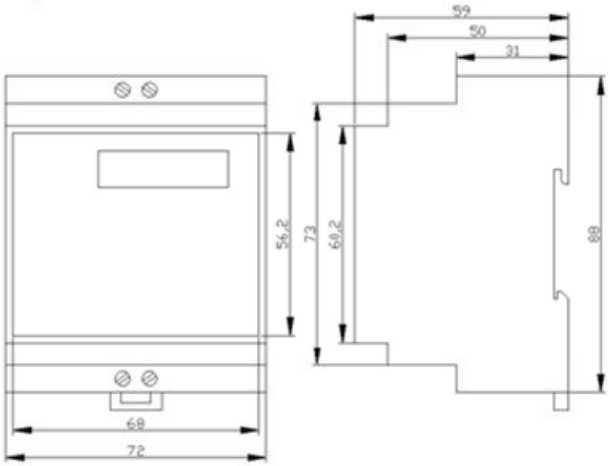
Lightning Strike Counter with LCD display FLRC-L

TECHNICAL DATA

Model	FLRC-L
Nominal voltage (Un)	220VAC
Indicator	0~125
Counting Current (rise time ≥8 μ s)	50A（8/20us）
Counting max current	150KA（8/20us）
Date/ time indication	Y/M/D/H/M/S
Installation	Indoor installation, 35mm DIN
Enclosure material	94-V0
Degree of protection	IP20
Dimension (mm)	72*88*59（L*W*H）

SPECIAL FEATURES

- The counter is built with time clock function
- Can register 0~125 of lightning strikes, the data won't be lost in case of power failure.
- Can check the real time (year/month/day/hour/minute/second) of each lightning strike
- Number counting repetition up to 1 million times.
- Installation convenient
- Operating temperature: -20℃～+70℃



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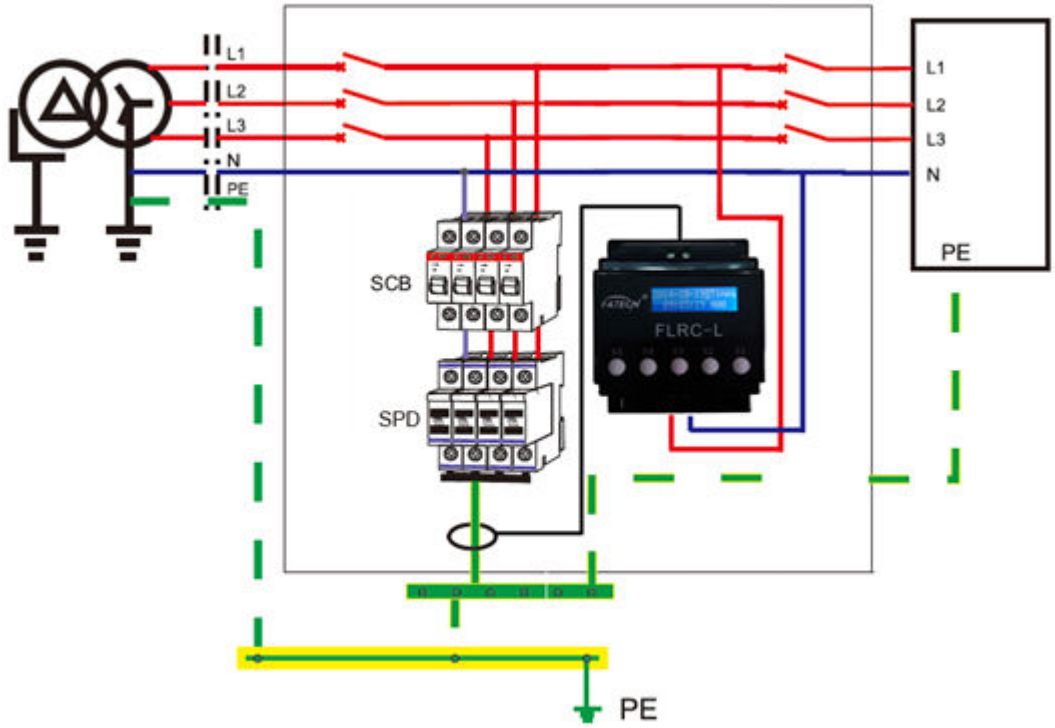
INSTALLATION and USER GUIDANCE



1.To connect the lightning counter as the above drawing.
Connect the sensor to the lightning counter upper two wiring holes (connection distance between the sensor and the counter can reach 50 meters effective, if necessary, require special instructions). Connect system power L/N to lightning counter lower two wiring holes.

2. When the power turns on, the backlight of lightning strike counter's LCD screen will turns on, and at the same time display the factory's website and telephone.

3. The LCD screen on / off:
After LCD screen displays factory's website and telephone, the backlight of LCD screen will in closing condition. To open the lightning counter LCD display's backlight LED light, press S1 once. To close the lightning counter LCD display's backlight LED light, press S2 and then press S1. (Please note key press order), backlight of LCD display will be closed.

4. System time setting

- Press S1 to move the pointer at year/month/day/hour/minute/second.Then press S2 or S3 to amend the data of the year/month/day/hour/minute/second.
- Press S4 into “query” program to check the detail data of each lightning strike.
- Press S2 and S3 **together** to quit the “query” program.
- Press S5 to delete all data. It takes 3~5 seconds to delete all records. The counter works normal again after the screen displayes the real time o’clock and the lightning strike record shows “0”.

5. Number of lightning strike checking

When you need to check the number of lightning strikes, please press S4 key once, “Query” will be appeared on the LCD screen; number of lightning strikes will be appreared when you press S4 key.

If you need to exist “Query” process, please press S4 key and then press the S3 key (Please note key press order); state during a lightning strike in the query can be LCD LED backlight on and off operation ;

6. Number of lightning strike clearing

Press S5 key, the number of lightning strikes, time stored in the system will be cleared; during the clearing process, the entire system will appear 3-5s"fake crash state", when the LCD screen appears clock working statue, the number of lightning display "0", clearing process success.

Notices:

- The nominal voltage must be suitable for the supply voltage available;
- Indoor use；
- Please reset when the counter registers 125 lightning strikes,otherwises it will not count.