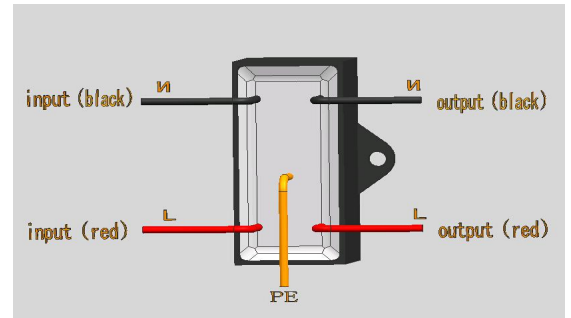


## Features:

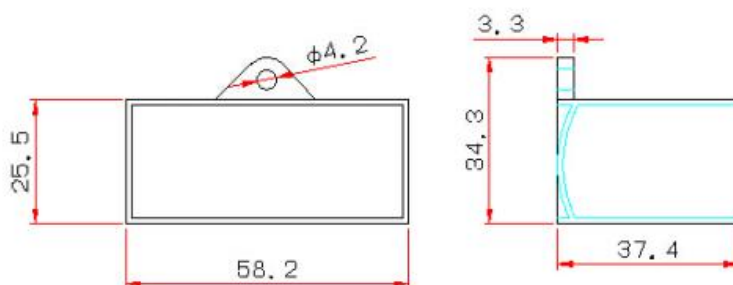
- Tailored product for Outdoor Street LED Light Driver
- Over Voltage Surge Protection Module
- Maximum discharge current 20KA (8/20μs)
- Failure safe function, e.g.:MOV Failure
- Automatic Protection for high temperature
- Meets IEEE C62.41.2 Location Category C High Exposure



**Name Rule: e.g. ESP-10/L385-S**

| ESP                                      | 10                                             | / L                                            | 385                                                         | S               |
|------------------------------------------|------------------------------------------------|------------------------------------------------|-------------------------------------------------------------|-----------------|
| Ecube-Tech<br>Surge Protection<br>Device | Max Discharge<br>Current<br>10=10KA<br>20=20KA | Especially<br>For LED<br>Driver<br>Application | Max Continuous<br>Operation Voltage<br>320=320V<br>385=385V | Connection Mode |
|                                          |                                                |                                                |                                                             | S Series        |
|                                          |                                                |                                                |                                                             | P Parallel      |

## Structure: (Unit:mm)



## Electrical Specifications

| Part No.      | Nominal<br>Discharge<br>Current | Maximum<br>Discharge<br>Current | Voltage<br>Protection Level | Response Time | Rated Cut-off<br>Temperature | Max Continuous<br>Operating Voltage |
|---------------|---------------------------------|---------------------------------|-----------------------------|---------------|------------------------------|-------------------------------------|
|               | $I_{in}(8/20\mu s)$             | $I_{max}(8/20\mu s)$            | $U_p$                       | -             | $T_n$                        | $U_c$                               |
|               | (KA)                            | (KA)                            | (KV)                        | (ns)          | (°C)                         | (V)                                 |
| ESP-20/L480-S | 10                              | 20                              | 1.8                         | $\leq 25$     | 115                          | 480                                 |

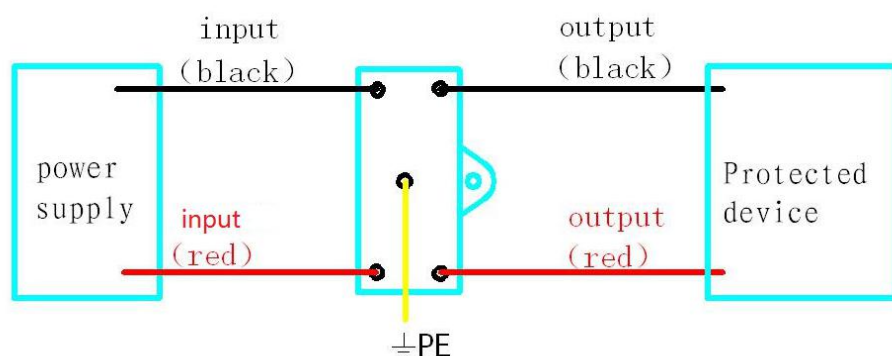
\*Operating Temperature Range: -40°C ~ + 70°C

\*Relative Humidity:  $\leq 95\%$  (25°C)

\*Housing Material: Flame Retardant PBT

\*IP66 Water & Dust-proof Level

## Connecting Illustration:



## Connecting Mode:

**Leads** (L Input-Red; L Output-Red; N Input-Black; N Output-Black; PE-Dual Colors )

## CONTACT INFORMATION

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