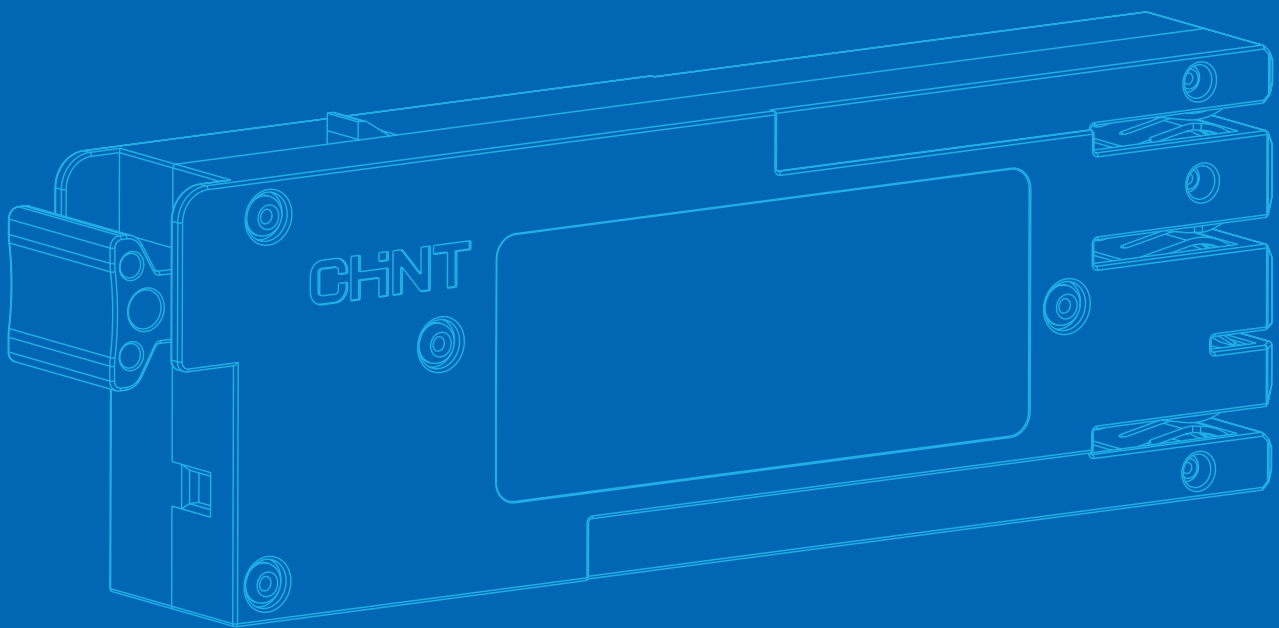
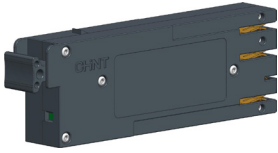

CU- □ CZ

**DC SURGE PROTECTIVE
DEVICE**



CU- □ CZ DC SURGE PROTECTIVE DEVICE

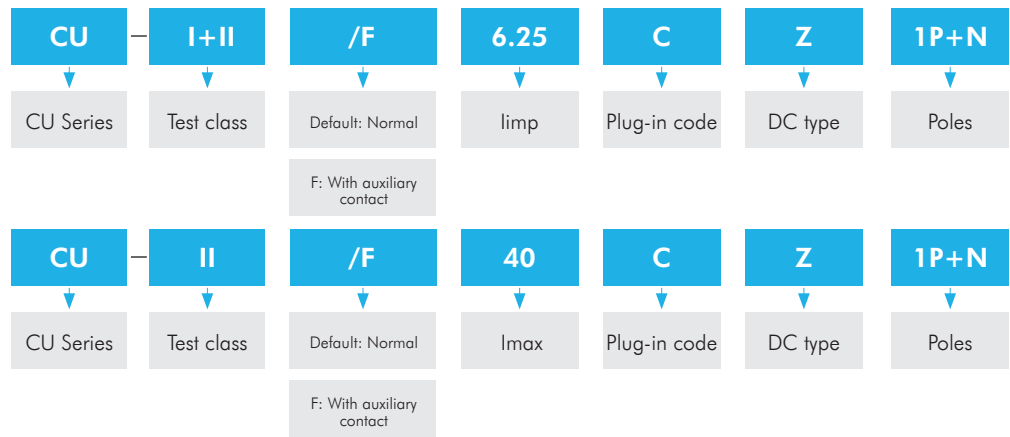


Product overview

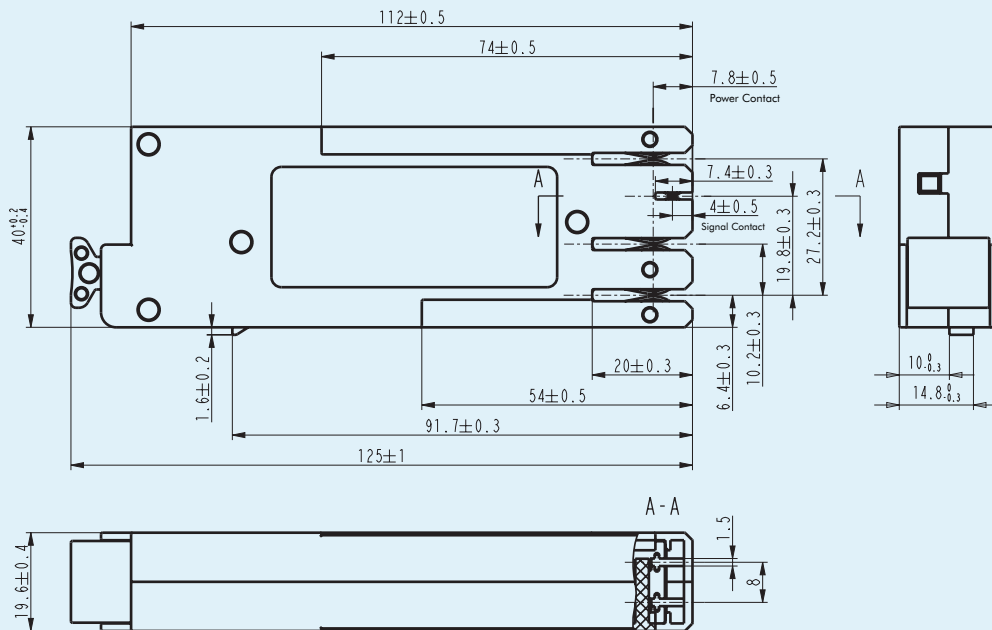
CU- □ CZ DC surge protective device meets IEC 61643-31 standard, suitable for low voltage DC systems. The CU-I+II meets the SPD level I and level II tests, the CU-II meets the SPD level II test, to protect electric system and on-loading electrical apparatus from lightning and instantaneous overvoltage.

Main functions: lightning protection and surge protection
 Standard: YD/T 1235.1, YD/T 1235.2, IEC/EN 61643-31
 Compliance with certification: CE, TLC

Selection



Dimensions



Unit: mm

CU- □ CZ DC SURGE PROTECTIVE DEVICE

Technical Parameters

| Product Type | CU-I+II/F 6.25CZ | | CU-II/F 40CZ | |
|--|-------------------------|--------|--------------|--------|
| Poles | 1P+N | | | |
| Test Level | T1+T2 | | T2 | |
| Protection Mode | -48V~RTN | RTN~PE | -48V~RTN | RTN~PE |
| Maximum Impulse Current (10/350 μ s) I _{imp} (kA) | 6.25 | 6.25 | / | / |
| Maximum Discharge Current I _{max} (8/20 μ s) (kA) | 40 | 40 | 40 | 40 |
| Nominal Discharge Current I _n (8/20 μ s) (kA) | 20 | 20 | 20 | 20 |
| Maximum Continuous Operating Voltage U _c (V DC) | 75 | 0 | 75 | 0 |
| Level of Protection U _p (V) | 600 | 1000 | 600 | 1000 |
| Residual Voltage U _{res@10kA} (V) | 400 | 1000 | 400 | 1000 |
| Response Time t _A (ns) | ≤25 | ≤100 | ≤25 | ≤100 |
| Working Indication/Fault Indication | Green/Red | | | |
| Auxiliary Contact Indication | Normal: NC; Failure: NO | | | |
| Auxiliary Contact Switching Capability | 75V DC/0.5A | | | |
| Protection Degree | IP20 | | | |
| Flame-retardant Degree | UL 94 V-0 | | | |
| Ambient Temperature (°C) | -45~+85 | | | |
| Relative Humidity | 5%~95% | | | |
| Overall Dimensions | 125mm×19.6mm×40mm | | | |

CU- □ CZ DC SURGE PROTECTIVE DEVICE

Installation and Removal

