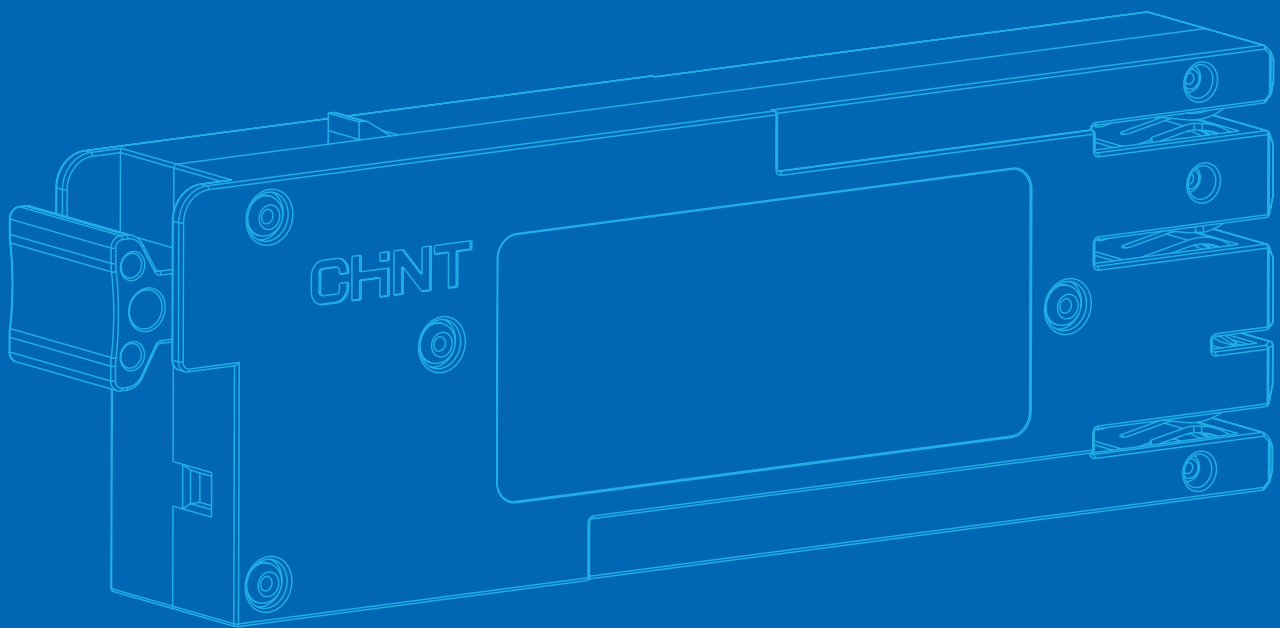
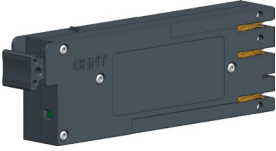

CU- □ CZ

**DC SURGE PROTECTIVE
DEVICE**



CU- □ CZ DC SURGE PROTECTIVE DEVICE



Product overview

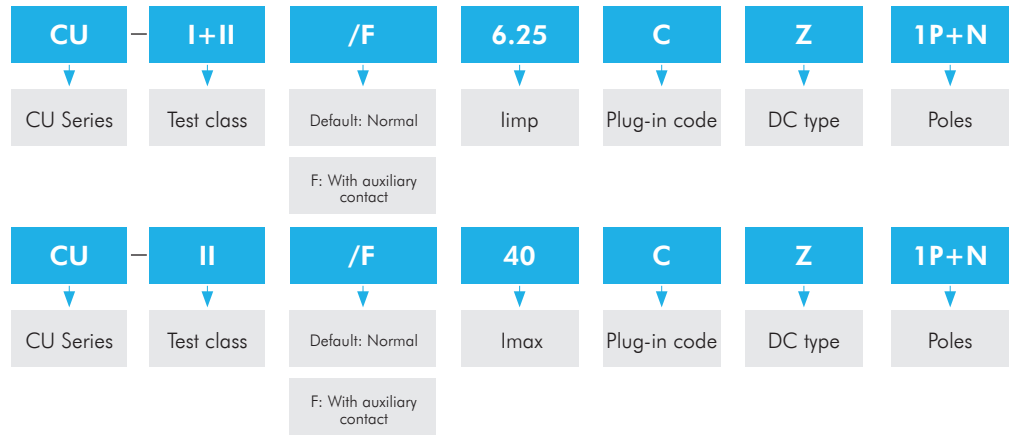
CU- □ CZ DC surge protective device meets IEC 61643-31 standard, suitable for low voltage DC systems. The CU-I+II meets the SPD level I and level II tests, the CU-II meets the SPD level II test, to protect electric system and on-loading electrical apparatus from lightning and instantaneous overvoltage.

Main functions: lightning protection and surge protection

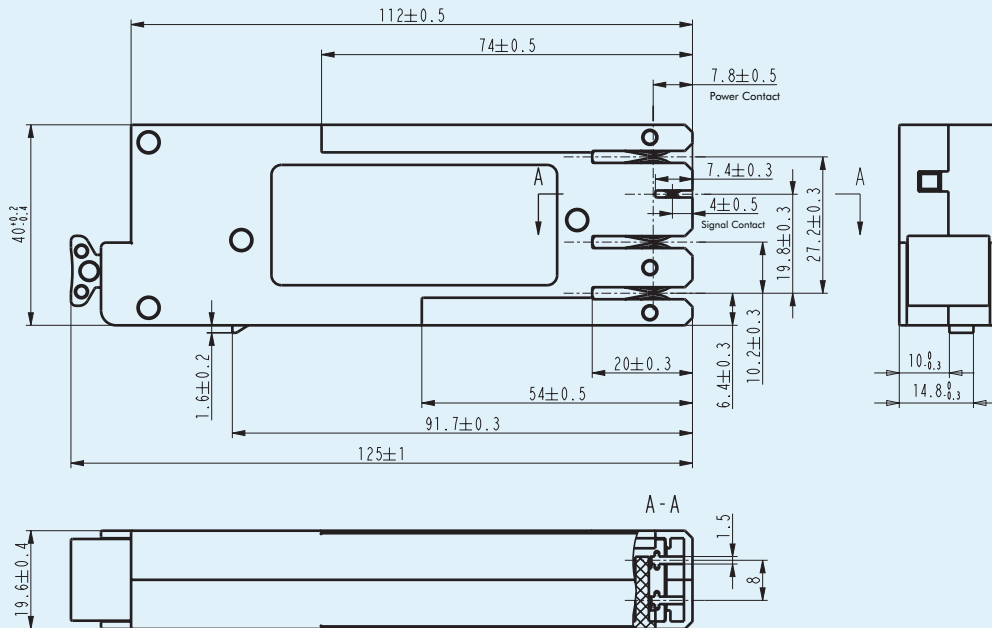
Standard: YD/T 1235.1, YD/T 1235.2, IEC/EN 61643-31

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 ($^{\circ}$ C)	-45~+85			
Relative Humidity	5%~95%			
Overall Dimensions	125mm \times 19.6mm \times 40mm			

CU- □ CZ DC SURGE PROTECTIVE DEVICE

Installation and Removal

