

SURGE PROTECTION DEVICE

- Pluggable module, easy for installation and maintenance
- High discharge capacity, quick response
- Double thermal disconnection devices, provide more reliable protection
- Multifunctional terminals for connection of conductors and busbars
- Green window will change when fault occurs, also provide remote alarm terminal



elehub

Type	ESP1/2P	ESP1/3P
Rated voltage (max.continuous a.c.voltage) [U _c]	600VDC/1000VDC/1500VDC	
Lightning impulse current (10/350) [I _{imp}]	7kA	
Nominal discharge current (8/20) [I _n]	20kA	
Maximum discharge current [I _{max}]	50kA	
Voltage protection level [U _p]	4.2kV / 4.5kV / 5.0kV	
Follow current extinguishing capability at U _c [I _f]	32A fuse will not be triggered at 2kA _{lim} 255V	
Response time [t _a]	≤ 100ns	
Max.backup fuse(L)	200A gL/gG	
Max.backup fuse(L-L')	125A gL/gG	
TOV voltage	355V / 5sec	
Operating temperature range (parallel wiring) [T _{op}]	-40°C...+80°C	
Operating temperature range (through wiring) [T _{us}]	-40°C...+60°C	
Cross-sectional area	35mm ² solid / 50mm ² flexible	
Mounting on	35mm DIN rail	
Enclosure material	Purple (module) / light gray (base) thermoplastic,UL94-V0	
Dimension	2 mods	
Test standards	IEC 61643-1; GB 18802.1; YD/T 1235.1	
Certification	CE ROHS ISO9001 CQC TUV	
Type of remote signalling contact	Switching contact	
Switching capacity a.c	250V / 0.5A	
Switching capacity d.c	250V / 0.1A; 125v/0.2A; 75v/0.5A	
Cross-sectional area for remote signalling contact	Max. 1.5mm ² solid / flexible	

Type	ESP1/2P	ESP1/3P
Packing unit	2pc(s)	1pc(s)
Weight	206g	288g

Dimension diagram

