

Parameter \ Type	P-FL-24/20.D	P-FL-48/20.D	P-FL-220/20.D	P-FL-1200/40.PV
Nominal Voltage Un (DC)	24 V	48 V	220 V	1000 V
Max. continuous operating voltage Uc (DC)	48 V	60 V	320 V	1200 V
Short-circuit withstand capacity I_{SCWPV}	/	/	/	1000 A
Nominal discharge current I_n (8/20 μ s, C2)	10 kA	10 kA	10 kA	20 kA
Max. discharge current I_{max} (8/20 μ s, C2)	20 kA	20 kA	20 kA	40 kA
Voltage protection level Up (8/20 μ s, C2)	≤ 0.5 kV	≤ 0.5 kV	≤ 4.0 kV	≤ 4.0 kV
Remote alarm terminal	Selection			
Cross-sectional area (min.)	≥ 1.5 mm ²			
Cross-sectional area (max.)	≤ 25 mm ²			
Response time Ta	≤ 25 ns			
Working state/failure indicator	Green/Red			
Location	Indoor			
Temperature	-40 +80			
Installation	35 mm DIN rail			
Protection degree	IP 20			
Material	PC UL94 V-0			

→ Dimension

- Removing steps are as follows

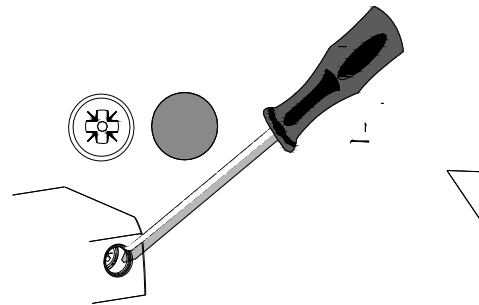
→ Installation

- The apparatus can be mounted on a DIN 35 mm standard rail corresponding to DIN EN 60715, they must be snapped onto the rail, and never slanted or tipped to the side.
- Installation steps are as follows

- When removing the SPD, as shown in arrows 1 and 2, screw the spring pin outward with the screwdriver, rotate the SPD and take off the SPD.
- When removing the module, as shown in arrows 3 and 4, pinch the side edge of the module as shown in the figure and pull out the module.

→ Connections

- Maximum torque of the screw is 3 N.m



Installation

- When installing the SPD, as shown in arrows 1 and 2, make the bayonet locked into the guide rail, Press the spring pin slightly and make the SPD on the DIN guide rail.
- When installing the module, make the arrow on the module and the pedestal at the same side, aim at card slot, then pinch the module as shown in arrows 3 and push in. The sound of "Ka" slight means completion.