

POWER ACCESSORIES

Industrial 20-40kA DIN Rail Surge Protector

Model SPD40KV-2P



DIN-rail surge protector with 20kA nominal and 40kA maximum discharge current, 385V U_c rating, fault indication and remote signaling contacts.

Features

- 20-40KA Power Surge Protector/Lightning Protector
- Nominal discharge current (8/20μs) I_n :20KA
- Response time t_A :≤25nS
- Temperature range T_u: -40°C...+80°C
- Installation bracket: 35mmDIN
- AC maximum continuous working voltage U_c:385V
- Maximum discharge current (8/20μs) I_{max} :40KA
- Protection level: IP20
- Installation width: 2mods
- Terminal performance U_n/I_n Remote signal terminal wiring:
AC:250V/0.5ADC:250V/0.1A,125V/0.2A,75V/0.5A

Specification

Model	SPD40KV-2P
AC Nominal Working Voltage (Un)	230V / 50Hz
Maximum Continuous Operating Voltage (Uc)	385V
Nominal Discharge Current (8/20 μ s) (In)	20 kA
Maximum Discharge Current (8/20 μ s) (Imax)	40 kA
Voltage Protection Level (Up)	≤ 1.75 kV
Response Time (tA)	≤ 25 ns
Backup Fuse	160 A
Short-Circuit Capacity	25 kA / 50 Hz
Operating Temperature Range	-40°C ~ +80°C
Installation Wiring Method	Parallel connection
Wiring Specification	Multi-strand wire 16 mm ²
Working Status / Fault Indication	Green / Red
Housing Material	PBT flame-retardant plastic (Red, optional Gray), UL94-V0
Installation Width	2 modules (2P)
Installation Bracket	35 mm DIN rail
Protection Level	IP20
Remote Contact Type	Switch changeover contact
Terminal Performance	Un / In AC: 250V / 0.5A DC: 250V / 0.1A, 125V / 0.2A, 75V / 0.5A
Remote Signal Terminal Wiring	Max 1.5 mm ² single-strand or multi-strand wire



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