

20–40KA Power Surge Protector

Model: SPD40KV-2P



The SPD40KV-2P Is A Modular Surge Protector For Single-Phase AC Lines, Compliant With GB18802.1-2002 And YD/T1235-2002, Tested At Level II. It Features A Status Indicator, Dry Contacts For Remote Monitoring, High Discharge Capacity, Low Clamping Voltage, Fast Response, Safety, And Long Service Life.

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

Model	SPD40KV-2P
AC Nominal Working Voltage (Un)	230V / 50Hz
Maximum Continuous Operating Voltage (Uc)	385V
Nominal Discharge Current (8/20 μs) (In)	20 kA
Maximum Discharge Current (8/20 μs) (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 mm²
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 mm² single-strand or multi-strand wire



Maxsol Technologies Limited

Website

www.maxsol-tech.com

Phone

+86 19849790018

Email

sales@maxsol-tech.com

Address

Building 2, No. 3, Shangcun Industrial Zone, Tiantou Community, Shijing Subdistrict,
Pingshan District, Shenzhen, China

