



# Line Fed Surge Protection Device Type 2

## Specification Sheet

Part No: EP-SPDLF

### Technical Specification

Specification	
SPD According To EN 61643-11/IEC61643-11	Type 2/Class II
Energy Coordination with Terminal Equipment	(≤10M) Type 2+ Type 3
Nominal Voltage (AC) (UN)	230V (50/60Hz)
Max. Continuous Operating Voltage	(AC) (UC) MOV (Varistors) 275V (50/60Hz) GDT 255V(50/60Hz)
Nominal Discharge Current	(8/20°S) (IN) MOV (Varistors) 20KA GDT (Spark gap) 20KA
Max. Discharge Current	(8/20°S) (IMAX) MOV (Varistors) 40KA GDT (Spark gap) 40KA
Voltage Protection Level	(L-PE)/(N-PE) (UP) MOV (Varistors) 1.5KV GDT (Spark gap) 1.3KV
Response Time (TA)	≤25nS
Max. Mains-Side Overcurrent Protection	125AgG
Short-Circuit Withstand Capability For Max. Mains-Side	Overcurrent Protection (ISCCR) 50kA
Temporary Overvoltage (TOV)(UT)- Characteristic	335V/5 Sec-- withstand
Operating Temperature	-400°C ~ +800°C
Operating State /Fault Indication	Green/Red
Number Of Ports	1
Cross-Section Area (Min)	1.5mm <sup>2</sup> solid/Flexible
Cross-Section Area (Max)	35mm <sup>2</sup> stranded /25 mm <sup>2</sup> flexible
Mounting	35mm DIN rails according to EN 60715
Enclosure Materials	Thermoplastic
UL94 V0	-
IP Level	IP20
Approvals	TUV
Additional Overcurrent Protection	In accordance with BS 7671 recommended



### Dimensions

