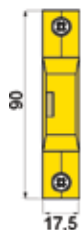


Surge Protective Devices: ZOTUPLIMITER



L 2/20 230 e

L 2/20 230 e is a pluggable execution, voltage limiting SPD, providing a single mode of protection, typically installed in Sub Distribution Boards (SDBs) in TN-systems. It provides the following features and benefits:

- **Impulse test classification: Test class II** according to IEC 61643-11 Ed. 1 (2011-03) and **Type 2** according to EN 61643-11 (2012-10);
- L 2/20 230 e is a voltage limiting varistor based SPD, for the protection of low voltage installations and equipment against indirect lightning effects;
- Short circuit current withstand of 50 kA rms with max. back-up fuse;
- **NFC No Follow Current®** technology, there are no follow currents drawn from the power supply system after operation.

Model L 2/20 ...

CODE		230 e
Nominal ac system voltage	U_N	230/400 V ac
Modes of protection (number of poles)		1
Max Continuous Operating Voltage	U_c	335 V ac
Test Class according to IEC 61643-11 Ed.1 (2011-03)		II
Type according to EN 61643-11 (2012-10)		T2
Nominal discharge current (8/20 μ s)	I_n	20 kA
Max. discharge current (8/20 μ s)	I_{max}	40 kA
Voltage protection level at a discharge current of:		
1 kA	U_p	$\leq 0,90$ kV
5 kA	U_p	$\leq 1,05$ kV
10 kA	U_p	$\leq 1,25$ kV
20 kA	U_p	$\leq 1,40$ kV
Response time	t_a	≤ 25 ns
End of Life		OCFM (open circuit failure mode)
Behaviour in case of Temporary OverVoltage (TOV)	U_T	335 V / 5 s, withstand (W); 440 V / 120 min, safe (S)
Max. back-up protection with FUSE		125 A gG
Short Circuit Current rating with max. backup protection with fuse	I_{scrr}	50 kA rms
Follow current interrupt rating	I_{fi}	NFC No Follow Current®
Status indicator (indication of disconnecter operation)		2 colours: transparent - OK / red - replace
Operating temperature range / Humidity		-40 ... +70 °C / 5% ... 95%
Terminal - Conductor size		4-25 mm ² flexible / 4-25 mm ² semi rigid
Busbar connections		fork-type busbar 16 mm ²
Mounting		indoor, 35 x 7,5 mm top hat DIN rail IEC/EN 60715
Case material / Flammability grade		Polyamide PA6 / V-0 in accordance with UL 94
Pollution degree / Degree of protection	PD / IP	2 / 20 (built-in)
Approximate weight		100 g
Dimensions: width		17,5 mm (1 module)
Certifications		CB, STC issued by OVE
GTIN (EAN)		8054890322324

TECHNICAL DATA