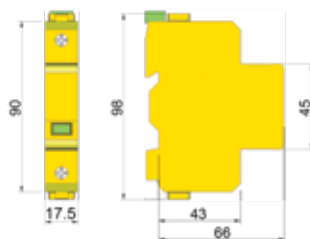


Surge Protective Devices: ZOTUPLIMITER



L 2/10 230 ff

L 2/10 230 ff is a voltage limiting SPD providing a single mode of protection, typically installed in Sub Distribution Boards (SDBs), in TN-systems or in TT-systems in combination with N-PE SPD model I 52 or I 12 and where connection type CT2 (3+1 or 1+1) is required according to HD 60364-5-534. It provides the following features and benefits:

- L 2/10 230 ff is a voltage limiting SPD for the protection of low voltage installations and equipment against indirect lightning effects;
- Nominal discharge current of 10 kA 8/20 μ s;
- **Backup protection is not required with an upstream CB \leq 160 A or up to an Isccr \leq 5 kA rms;**
- 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;
- **Three colour Status Indicator with progressive indication of remaining performance.**

Model L 2/10 ...

230 ff

CODE		202 100
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	10 kA
Max. discharge current (8/20 μ s)	I_{max}	20 kA
Voltage protection level at a discharge current of:	1 kA	U_p \leq 0,82 kV
	5 kA	U_p \leq 1,00 kV
	10 kA	U_p \leq 1,25 kV
Response time	t_a	\leq 25 ns
End of Life		OCFM (open circuit failure mode)
Behaviour in case of Temporary OverVoltage (TOV)	U_T	440 V / 120 min, withstand (W)
Short Circuit Current rating <u>without backup protection (internal disconnecter)</u>	I_{sccr}	5 kA rms
Short Circuit Current rating with max. backup protection fuse	I_{sccr}	50 kA rms
Max. back-up protection with up-stream CB with a max. let-through energy of (max. prospective short circuit current depends on the CB breaking capability).		160 A (max. $4,50 \times 10^5$ A ² s)
Max. back-up protection with FUSE at prospective short circuit currents of		125 A gG (> 5 \div 50 kA rms)
Follow current interrupt rating	I_{fi}	NFC No Follow Current [®]
Status indicator (indication of disconnecter operation)		3 colours with progressive performance indication
Operating temperature range / Humidity		-40 ... +80 °C (extended) / 5% ... 95%
Terminal - Conductor size		4-35 mm ² flexible / 4-50 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		BMC / V-0 in accordance with UL 94
Pollution degree / Degree of protection	PD / IP	3 / 20 (built-in)
Approximate weight		110 g
Dimensions: width		17,5 mm (1 module)
Certifications / Quality Mark		CB, STC issued by OVE / KEMA-KEUR
GTIN (EAN)		8054890320504

TECHNICAL DATA

Model L 2/10 ... with remote signal contact

230 t ff

CODE		212 100
Remote signal contact		potential-free changeover contact
Terminal - conductor size for remote signal contact		max. 1,5 mm ² flexible
Switching capacity remote signal contact		ac: 250 V / 0,5 A – dc: 125 V / 0,2 A; 75 V / 0,5 A
GTIN (EAN)		8054890321143