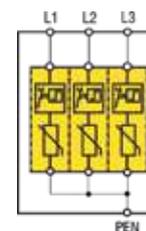
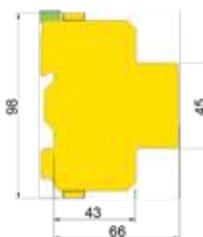
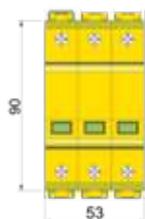


Surge Protective Devices: ZOTUPLIMITER



L 7/30 ... ff 3

L 7/30...ff 3 is a ready to install assembly of three voltage limiting SPDs providing three modes of protection, typically installed at the origin of the installation, e.g. in the Main Distribution Board (MDB), for three-phase TN systems, with the following features and benefits:

- **Impulse test classification: Test class I and II according to IEC 61643-11 Ed. 1 (2011-03) and Type 1 and 2 according to EN 61643-11 (2012-10);**
- **Backup protection is not required with an upstream CB ≤ 160 A or up to an I_{scrr} ≤ 5 kA rms (for U_N 230/400 V);**
- **Three colour Status Indicator with progressive indication of remaining performance.**

Model L 7/30 ...		230 ff 3	750 ff 3	
CODE		207 130	207 137	
Nominal ac system voltage	U _N	230/400 V ac	554/960 V ac	
Modes of protection (number of poles)		3		
Max Continuous Operating Voltage	U _c	335 V ac	750 V ac	
Test Class according to IEC 61643-11 Ed.1 (2011-03)		I and II		
Type according to EN 61643-11 (2012-10)		T1 and T2		
Impulse discharge current (10/350 μs)	I _{imp}	8 kA	5 kA	
Charge	Q	4 As	2,5 As	
Nominal discharge current (8/20 μs)	I _n	30 kA	20 kA	
Max. discharge current (8/20 μs)	I _{max}	40 kA		
Voltage protection level at a discharge current of:	1 kA	U _p	≤ 0,81 kV	≤ 1,90 kV
	5 kA	U _p	≤ 0,98 kV	≤ 2,30 kV
	20 kA	U _p	≤ 1,35 kV	≤ 2,75 kV
	25 kA	U _p	≤ 1,45 kV	-
	30 kA	U _p	≤ 1,60 kV	-
Response time	t _a	≤ 25 ns		
End of Life		OCFM (Open Circuit Failure Mode)		
Behaviour in case of Temporary OverVoltage (TOV) withstand (W) / safe (S):	U _T	440 V / 5 s, (W)	805 V / 5 s, (W)	
	U _T	440 V / 120 min, (W)	1056 V / 120 min, (S)	
Short Circuit Current rating <u>without backup protection (internal disconnecter)</u>	I _{scrr}	5 kA rms	2 kA rms	
Short Circuit Current rating with max. backup protection fuse	I _{scrr}	100 kA rms	100 kA rms	
Max. back-up protection with up-stream CB with max. let-through energy of (max. prospective short circuit current depends on CB breaking capability)		160 A (max.4,50x10 ⁵ A ² s)	-	
Max. back-up protection with FUSE at prospective short circuit current of		125 A gG at (> 5 ÷ 100 kA rms)	125 A gG at (> 2 ÷ 100 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		
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)	2 / 20 (built-in)	
Approximate weight		491 g	582 g	
Dimensions: width		53 mm (3 modules)		
Certifications / Quality Mark		CB, STC issued by OVE / KEMA-KEUR		
GTIN (EAN)		8054890320795	8054890320801	

TECHNICAL DATA

Model L 7/30 ... with remote signal contact		230 t ff 3	750 t ff 3
CODE		217 130	217 137
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)		8054890321556	8054890321563