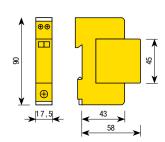
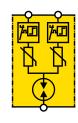


Surge Protective Devices: **ZOTUPCOMB**











IL 1/10 2P is a combined voltage limiting and voltage switching SPD providing three modes of protection, typically installed in Sub Distribution Boards (SDBs) or control boards for single-phase 230 V TT-systems, with 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);
- IL 1/10 2P is a varistor and GDT based combination SPD for the protection of low voltage installations against indirect lightning effects;
- NFC No Follow Current® technology, there are no follow currents drawn from the power supply system after operation;
- Two colour Status Indicator (green / red);
- Provides three modes of protection in a one module housing (L-N, L-PE, N-PE);
- Leakage current free and galvanic insulation from earth due to the Gas Discharge Tube (GDT);
- Suitable for installation at zone boundaries up to $0_B 1$ according to the lightning protection zones concept as defined in IEC 62305.

Model IL 1/10 2P		230
CODE (pluggable execution)		222 100
Nominal ac system voltage	Un	230 V ac
Maximum Continuous Operating Voltage	Uc	335 V ac
Test Class according to IEC 61643-11 Ed.1 (2011-03)		
Type according to EN 61643-11 (2012-10)		T2
Nominal discharge current (8/20 µs) (L / N-PE)	ln	10 kA
Maximum discharge current (8/20 µs) (L / N-PE)	lmax	20 kA
Impulse discharge current (10/350 µs) for (L / N-PE)	limp	1 kA
Voltage protection level at In	Up	≤ 1,50 kV (L + N /PE)
	Up	≤ 1,50 kV (L / N)
Response time	ta	\leq 25 ns (L / N) - \leq 100 ns (N / PE)
End of Life		OCFM (open circuit failure mode)
Behaviour of failure mode in case of Temporary OverVoltage (TOV):		335 V / 5 s, withstand (W); 440 V / 120 min, withstand (W)
L-PI	U⊤	1455 V / 200 ms, safe (S)
N-Pi	U⊤	1200 V / 200 ms, withstand (W)
Insulation resistance	Risol	\geq 1 G Ω
Max. back-up protection with FUSE		32 A gG
Short Circuit Current rating with max. backup protection with fuse	Isccr	20 kA rms
Follow current interrupt rating		NFC No Follow Current®
Operating temperature range		- 40 + 70 °C
Terminal-Conductor size		L/N 1,5-4 mm ² flexible
		PE 2,5-16 mm ² flexible
Busbar connection		fork-type busbar 16 mm ² (only PE)
Mounting		indoor, 35 x 7,5 mm top hat DIN rail IEC/EN 60715
Enclosure material		thermoplastic
Pollution degree / Degree of protection	PD / IF	* * (** * /
Approximate weight		100 g
Dimension: width		17,5 mm (1 module)
GTIN (EAN)		8054890321747