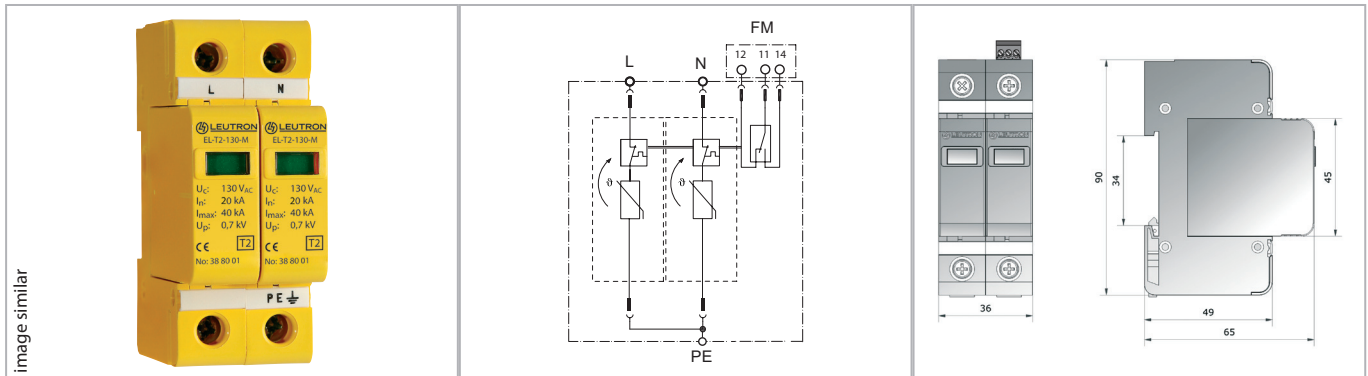


# Datasheet

## Surge protection of power supply

### SPD type 2 for AC power supplies / EL series



Fully pluggable surge protective arrester type 2 (class II) for the use in single-phase TN systems. Complete module with 2+0 circuit.

- Test standard: IEC 61643-11 / EN 61643-11
- Vibration test standard: DIN EN 60068-2-6, IEC 60068-2-6
- Shock test standard: DIN EN 60068-2-27, IEC 60068-2-27
- Mounting on 35 mm DIN rail (EN 60715)
- With remote changeover contact (FM)

Technical Data		EL-T2/2+0-130-FM
IEC category		Type 2 / class II
Nominal voltage AC	UN	120 V~
Max. continuous operating voltage AC (50/60 Hz)	$U_c$	130 V~
Nominal discharge current (8/20 $\mu$ s)	$I_n$	20 kA
Max. impulse discharge current (8/20 $\mu$ s)	$I_{max}$	40 kA
Protection level at $I_n$ (8/20 $\mu$ s)	$U_p$	$\leq 0,7\text{ kV}$
Protection level at 5 kA	$U_p$	$\leq 0,5\text{ kV}$
Short-circuit withstand capability at max. back-up fuse	$I_k$	25 kA <sub>eff</sub>
Max. acceptable fuse or back-up fuse		125 A gG
Operating temperature range	TU	-40 - +80 °C
Min. conductor cross section at terminals		1.5 mm <sup>2</sup> solid/flexible
Max. conductor cross section		35 mm <sup>2</sup> stranded/25 mm <sup>2</sup> flexible
Enclosure material / colour		Thermoplastic, yellow, UL 97 V-0
Degree of protection (IEC EN 60529)		IP 20
Dimension (DIN 43880)		2 TE
Max. operating voltage remote contact FM		250 V AC/125 V DC
Max. operating current remote contact FM		1 A AC/200 mA DC
Max. connection torque for terminals		3,5 Nm
Max. locking torque FM terminals		0,25 Nm
Composed of: number of modules		2x 38 80 01

Order Data	
Product	EL-T2/2+0-130-FM
Article-No.	38 81 57