

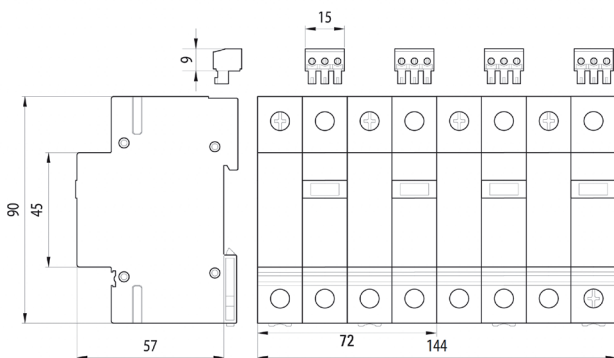
DSP3P-100DM-T1+T2

The Sollatek 100DM-T1+T2 is a class I & II combined surge protection device. This highly efficient lightning surge arrester is suitable for all installations where risk of surge and spike activity is particularly high, as in telecom installations, oil rigs, and open exposed area with metal structures. The unit is a 4-pole device that provides 25kA (class I, 10/350µs) protection per pole and up to 30kA per pole for every day surge activity (class II, 8/20µs). It is housed in a compact 35mm din rail mount enclosure. The Sollatek DSP3P-D100 is the ideal solution for protecting all sensitive electronic equipment.

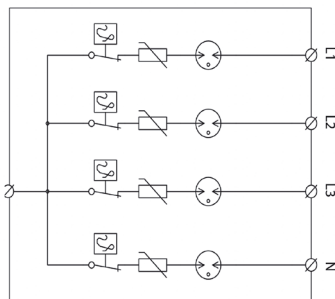
FEATURES

- Type 2 surge protector for PV
- In : 30kA / I_{max} : 60kA
- Pluggable
- Remote signaling
- UL1149 ed.5 certified
- EN 61643-11 + A11 compliant

DIMENSIONAL DRAWING



ELECTRICAL DRAWING



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ISO9001: 2015 accredited company

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SPECIFICATIONS

Nominal Voltage (Power Supply System)	U_n	230 V AC / 400 V AC
Maximum operating voltage	U_c	260 V AC
Temporary overvoltage (TOV)	U_T	400 V AC/5 s
Nominal discharge current (8/20 µs)/pole	I_n	30 kA
Maximum discharge current (8/20 µs)/pole	I_{max}	60 kA
Lighting impulse current (10/350 µs)/pole	I_{imp}	25 kA
Voltage protection level	U_p	1,5 kV
Response time	t_a	100 ns
Ability to independently switch off the following current	I_{fi}	No follow through current
Short-circuit proof at maximum overcurrent protection		35 kA _{rms}
Maximum overcurrent protection		160 A gL/gG
Degree of IP protection		IP 20
Range of operating temperatures		- 40 °C to + 80 °C
Mounting on DIN rail		35 mm
Cross-section of connected conductors		
(1) Solid min/max		(1) ISO: 1/50 mm ² ; AWG: 17/1
(2) Stranded min/max		(2) ISO: 1/35 mm ² ; AWG: 17/2
Stripping length of the supply conductors		14 mm
Tightening torque		max. 4 Nm
Fault indication		red indication
Remote indication – S design		volt-free change-over contact
Remote indication contacts		250 V / 0,5 A AC, 250 V / 0,1 A DC
Cross-section of remote indication conductors		max. 1,5 mm ²
Meets the requirements of standard		EN 61643-11 + A11

PART NUMBER

9M310014

DSP3P-100DM-T1+T2-415V Din Rail