

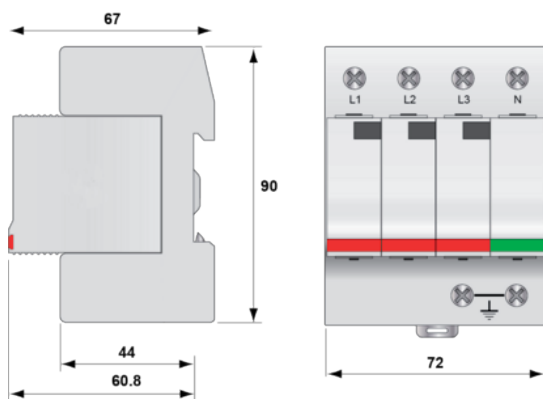
## DSP3P-40DC-T2

The Sollatek DSP3P-40DC-T2 is a Type II surge protection device. Constructed in a simple modular and cartridge design where the active module can be easily changed without removing the unit. It is an efficient surge arrester suitable for all installations where risk of surge and spike activity is particularly high. The unit is a 4-pole device that provides 20kA (Type II) per pole.

### FEATURES

- Type 2 surge protector for PV
- In : 20kA / I<sub>max</sub> : 40kA
- Pluggable
- Remote signaling
- UL1149 ed.5 certified
- EN 61643-11, IEC 61643-11 compliant

### DIMENSIONAL DRAWING



### ELECTRICAL SPECIFICATIONS

SPD type	2	
Network	230/400 V 3-phase+N	
AC system	TT-TNS	
Nominal line voltage	U <sub>n</sub>	230 VAC
Max. AC operating voltage	U <sub>c</sub>	255 VAC
Temporary Over Voltage (TOV) - 5 sec	U <sub>T</sub>	335 VAC withstand
Temporary Over Voltage (TOV) - 120 mn	U <sub>T</sub>	440 VAC disconnection
Temporary Over Voltage N/PE (TOV HT)	U <sub>T</sub>	1200 V/300A/200 ms withstand
Residual Current	I <sub>pe</sub>	None
Follow current	I <sub>f</sub>	None
Nominal discharge current	I <sub>n</sub>	20 kA
Max. discharge current	I <sub>max</sub>	40 kA
Total Maximum discharge current	I <sub>max</sub>	40 kA
Connection mode(s)	L/N and N/PE	
Protection mode(s)	Common/Differential mode	
Residual voltage at 5 kA	0.9 kV	
Protection level L/N	1.25 kV	
Protection level L/PE	1.5 kV	
Admissible short-circuit current	25 000 A	

### MECHANICAL

Technology	MOV+GDT	
SPD configuration	3-phase+Neutral	
Connection to Network	Screw terminals: 2.5-25mm <sup>2</sup> / by bus	
Format	Plug-in modular box	
Mounting	Symmetrical rail 35 mm (EN 60715)	
Housing material	Thermoplastic UL94 V-0	
Operating temperature	-40/+85°C	
Protection rating	IP20	
Failsafe mode	Disconnection from AC network	
Disconnection indicator	1 mechanical indicator by pole	
Spare module(s)	DSM40-230+DSM40G-600	
Remote signaling of disconnection	Output on changeover contact	
Dimensions & Weight	See diagram	0.325 kg

### DISCONNECTORS

Thermal disconnectors	Ground fault breaker	Back-up protec. device
Internal	Type 'S' or delayed	Fuses type gG - 50 A

### STANDARDS

IEC 61643-11 / EN 61643-11 / UL1449 ed.5 / UL / CSA / TUV Süd

### PART NUMBER

9M304040

DSP3P-40DC-T2-415V Din Rail

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