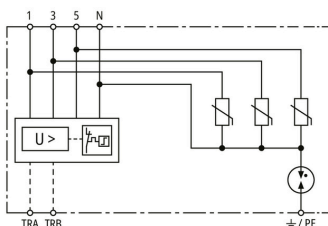


POP+SPD 3P+N (900 721)

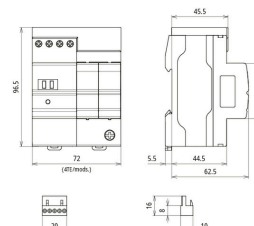
- Complete protection against transient and power frequency overvoltages
- Compact design allows easy retrofitting
- Meets the requirements of EN 61643-11 (SPD) and EN 63052 (POP)



Figure without obligation



Basic circuit diagram POP+SPD 3P+N



Dimension drawing POP+SPD 3P+N

General

Type	POP+SPD 3P+N
Part No.	900 721 NEW
Tightening torque	4 Nm
Stripping length	10 mm
Cross-sectional area (min.)	2.5 mm ² solid / fine-stranded
Cross-sectional area (max.)	35 mm ² stranded / 25 mm ² fine-stranded
Degree of protection	IP 20
For mounting on	35 mm DIN rails acc. to EN 60715
Enclosure material	Thermoplastic, grey, UL 94 V-0
Operating temperature range	-25°C to +60°C
Installation point	Indoor
Approvals	CE
Dimensions	4 Standard DIN module, DIN 43880

SPD

Type	POP+SPD 3P+N
Part No.	900 721 NEW
SPD according to EN 61643-11 / ... IEC 61643-11	Type 2 / class II
Max. continuous operating voltage (a.c.) [L-N] (U_c)	275 V
Max. continuous operating voltage (a.c.) [N-PE] (U_c)	255 V
Max. discharge current (8/20 μ s) [L-N] (I_{max})	40 kA
Max. discharge current (8/20 μ s) [N-PE] (I_{max})	40 kA
Nominal discharge current (8/20 μ s) [L-N] (I_n)	20 kA
Nominal discharge current (8/20 μ s) [N-PE] (I_n)	20 kA
Voltage protection level [L-N] (U_p)	1.5 kV
Voltage protection level [N-PE] (U_p)	1.5 kV
Short-circuit withstand capability (I_{SCCR})	50 kA
Response time [L-N] (t_A)	25 ns
Response time [N-PE] (t_A)	100 ns
Visual indication of end of service life	Yes
Dynamic thermal shutdown (L-N) (U_T)	Yes

POP

Type	POP+SPD 3P+N
Part No.	900 721 
Tested to	IEC EN 63052:2021-08
Nominal AC voltage [L-N] (U_N)	230 V
Nominal AC voltage [L-L] (U_N)	400 V
Maximum tripping time [$U_a = 255$ V] (t_A)	No tripping
Minimum non-tripping time [$U_a = 255$ V] (t_A)	No tripping
Maximum tripping time [$U_a = 275$ V] (t_A)	15 sec.
Minimum non-tripping time [$U_a = 275$ V] (t_A)	3 sec.
Maximum tripping time [$U_a = 300$ V] (t_A)	5 sec.
Minimum non-tripping time [$U_a = 300$ V] (t_A)	1 sec.
Maximum tripping time [$U_a = 350$ V] (t_A)	0.75 sec.
Minimum non-tripping time [$U_a = 350$ V] (t_A)	0.25 sec.
Maximum tripping time [$U_a = 400$ V] (t_A)	0.2 sec.
Minimum non-tripping time [$U_a = 400$ V] (t_A)	0.07 sec.
Remote signalling contacts / type of contact	yes / changeover contact
AC switching capacity	230 V / 1 A
DC switching capacity	230 V / 2 A
LED indication	OK (green) / Error (red)
Weight	360 g
Customs tariff number (Comb. Nomenclature EU)	85363030
GTIN	4013364559776
PU	1 pc(s)

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.