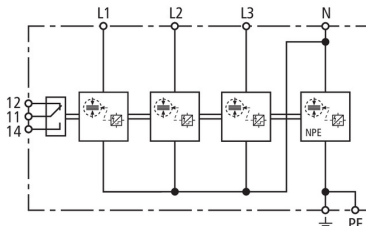


DVA CSP 3P 100 S FM (900 367)

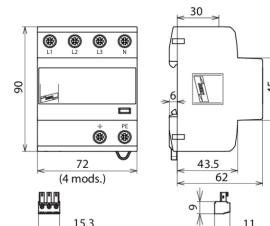
- Prewired combined lightning current and surge arrester, energy-coordinated with power supply systems for cell sites (DEHNvap CSP ... Cell Site Protection)
- Spark gap technology with a width of only 1 module / pole allows compact and space-saving design



Figure without obligation



Basic circuit diagram DVA CSP 3P 100 S FM



Dimension drawing DVA CSP 3P 100 S FM

Combined lightning current and surge arrester for use in triphase TT and TN systems (3+1 configuration) for protecting 230 V power supply systems of cell sites

Type	DVA CSP 3P 100 S FM
Part No.	900 367
SPD according to EN 61643-11 / ... IEC 61643-11	type 1 + type 2 / class I + class II
Energy coordination with terminal equipment ($\leq 5\text{m}$)	type 1 + type 2 + type 3
Nominal voltage (a.c.) (U_n)	230 / 400 V (50 / 60 Hz)
Max. continuous operating voltage (a.c.) [L-N] (U_c)	255 V (50 / 60 Hz)
Lightning impulse current (10/350 μs) [L-N]/[N-PE] (I_{imp})	25 / 100 kA
Nominal discharge current (8/20 μs) (I_n)	25 / 100 kA
Voltage protection level [L-N]/[N-PE] (U_p)	$\leq 1.5\text{ kV} / \leq 1.5\text{ kV}$
Follow current extinguishing capability [L-N]/[N-PE] (I_a)	25 $\text{kA}_{\text{rms}} / 100\text{ A}_{\text{rms}}$
Follow current limitation/Selectivity	no tripping of a 35 A gL/gG fuse up to 25 kA_{rms} (prosp.)
Response time (t_A)	$\leq 100\text{ ns}$
Max. backup fuse (L) up to $I_K > 25\text{ kA}_{\text{rms}}$	250 A gG
Temporary overvoltage (TOV) [L-N] (U_T) – Characteristic	440 V / 120 min. – withstand
Temporary overvoltage (TOV) [N-PE] (U_T) – Characteristic	1200 V / 200 ms – withstand
Operating temperature range [parallel]/[series] (T_U)	$-40^\circ\text{C} \dots +80^\circ\text{C}$
Operating state/fault indication	green / red
Number of ports	1
Cross-sectional area (L, N, PE) (max.)	35 mm^2 stranded / 25 mm^2 flexible
For mounting on	35 mm DIN rails acc. to EN 60715
Enclosure material	thermoplastic, red, UL 94 V-0
Place of installation	indoor installation
Degree of protection	IP 20
Capacity	4 module(s), DIN 43880
Approvals	KEMA
Type of remote signalling contact	changeover contact
Switching capacity (a.c.)	250 V / 0.5 A
Switching capacity (d.c.)	250 V / 0.1 A; 125 V / 0.2 A; 75 V / 0.5 A
Cross-sectional area for remote signalling terminals	max. 1.5 mm^2 solid / flexible
Weight	734 g
Customs tariff number	85363030
GTIN	4013364322288
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.