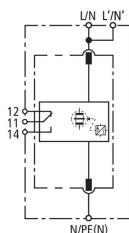


## DVA CSP 1P 255 FM (900 368)

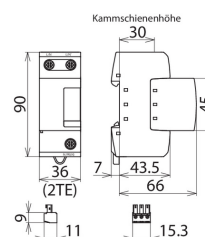
- Prewired combined lightning current and surge arrester, energy-coordinated with power supply systems for cell sites (DEHNvap CSP ... Cell Site Protection)
- Maximum system availability due to follow current limiting RADAX Flow spark gap technology
- Easy replacement of protection modules without tools due to module release button



Figure without obligation



Basic circuit diagram DVA CSP 1P 255 FM



Dimension drawing DVA CSP 1P 255 FM

Single-pole modular combined lightning current and surge arrester with high follow current limitation; with remote signalling contact for monitoring device (floating changeover contact).

Type	DVA CSP 1P 255 FM
Part No.	900 368
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 V (50 / 60 Hz)
Max. continuous operating voltage (a.c.) ( $U_c$ )	264 V (50 / 60 Hz)
Lightning impulse current (10/350 $\mu\text{s}$ ) ( $I_{imp}$ )	25 kA
Specific energy (W/R)	156.25 kJ/Ohm kJ/Ohm
Nominal discharge current (8/20 $\mu\text{s}$ ) ( $I_n$ )	25 / 100 kA
Voltage protection level [L-N]/[N-PE] ( $U_p$ )	$\leq 1.5$ kV
Follow current extinguishing capability ( $I_{fi}$ )	25 kA <sub>eff</sub>
Follow current limitation/Selectivity	no tripping of a 20 A gG fuse up to 25 kArms (prosp.)
Response time ( $t_A$ )	$\leq 100$ ns
Max. backup fuse	315 A gG
Max. backup fuse (L-L')	125 A gG
Temporary overvoltage (TOV) ( $U_T$ ) - characteristic	440 V / 120 min. – withstand
Operating temperature range (parallel connection) ( $T_{UP}$ )	-40°C...+80°C
Operating temperature range (through-wiring) ( $T_{US}$ )	-40°C...+60°C
Operating state/fault indication	green / red
Number of ports	1
Cross-sectional area (L/N, L'/N', N/PE(N)) (min.)	10 mm <sup>2</sup> solid / flexible
Cross-sectional area (L/N, N/PE(N)) (max.)	50 mm <sup>2</sup> stranded / 35 mm <sup>2</sup> flexible
Cross-sectional area (L'/N') (max.)	35 mm <sup>2</sup> stranded / 25 mm <sup>2</sup> 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	2 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 <sup>2</sup> solid / flexible
Weight	0 g
Customs tariff number	85363090
GTIN	4013364345614
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.