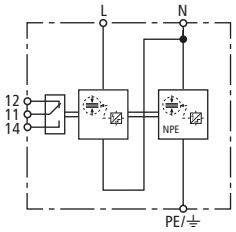
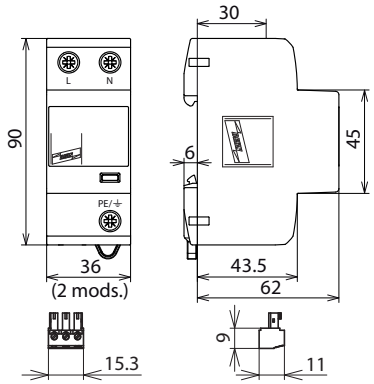
DVA CSP 1P 50 S FM (900 366)

- 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





Basic circuit diagram



Dimension drawing

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

Type	**DVA CSP 1P 50 S FM**
Part No.	**900 366**
SPD according to EN 61643-11 / IEC 61643-11	type 1 + type 2 / class I + class II
Energy coordination with terminal equipment (≤ 10 m)	type 1 + type 2 + type 3
Nominal voltage (a.c.) (U_N)	230 V (50 / 60 Hz)
Max. continuous operating voltage (a.c.) [L-N]/[N-PE] (U_C)	255 V (50 / 60 Hz)
Lightning impulse current (10/350 µs) [L-N]/[N-PE] (I_{imp})	25 / 50 kA
Nominal discharge current (8/20 µs) (I_n)	25 / 50 kA
Specific energy [L-N]/[N-PE] (W/R)	156.25 kJ/ohms / 625.00 kJ/ohms
Voltage protection level [L-N]/[N-PE] (U_P)	≤ 1.5 kV / ≤ 1.5 kV
Follow current extinguishing capability [L-N]/[N-PE] (I_{fi})	25 kA_{rms} / 100 A_{rms}
Follow current limitation / Selectivity	no tripping of a 32 A gG fuse up to 25 kA_{rms} (prosp.)
Response time (t_A)	≤ 100 ns
Max. backup fuse (L) up to I_K = 25 kA_{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
Additional abnormal voltage test: 485 V AC / 50 Hz for 24 h	withstand
Let-through energy in combination with an MOV S20K275 (Iimp = 2.5 ... 25 kA)	< 1 J
Characteristic at U = 320 V and I_{SCCR} = 13.5 kA in combination with a fuse 63 A gG	withstand
Operating temperature range [parallel]/[series] (T_U)	-40°C...+80°C
Operating state / fault indication	green / red
Number of ports	1
Cross-sectional area (L, N, PE,) (min.)	1.5 mm² solid / flexible
Cross-sectional area (L, N, PE,) (max.)	35 mm² stranded / 25 mm² 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 Standard DIN module, 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 mm² solid / flexible

© DEHN (U.K.) LTD. • Unit 4 Velocity Point • Castleton Road • Armley • Leeds • LS12 2EE • United Kingdom • Tel. +44 113 541 8900 • info@dehn.co.uk • www.dehn.co.uk

: Tested • NEU: New • !: Discontinued Model
: Cross connector • : Longitudinal connector • : Parallel connector • : T connector • : Clamp for parallel connector • : Clamp for T connector
: Pipe clamp for parallel connector • : Pipe clamp for T connector • : Equipotential bonding bar • : Bridging component

Masterdata	
Net weight	245.88 g/pc(s)
GTIN	4013364374669
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363090

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.