



Detailed description State

- A base station 230 / 400V Three-phase TT with TN system EC ("3 + 1" Circuit) ,mold Blocking composite lightning current / surge protection Device

model	DVA CSP 3P 100 FM
Item	900 360
SPD in accordance with EN 61643-11 / IEC 61643-1 / -11	1 Level / 1 level
Coordination energy with the terminal	1 Level + 2 level
Coordination energy with the terminal (≤5m)	1 Level + 2 Level + 3 level
Nominal AC voltage (U _N)	230/400 V
Continuous operating ac voltage (U _c)	255 V
Lightning surge current (10/350 μs) [L1 + L2 + L3-PEN] (I _{total})	100 KA
Specific energy [L1 + L2 + L3-PEN] (W / R)	2.50 MJ / ohms
Lightning surge current (10/350 μs) [L-PEN] (I _{imp})	25 kA / 100 kA
Specific energy [L-PEN] (W / R)	156.25 kJ / ohms
Nominal discharge current (8/20 μs) (I _n)	25/100 kA
Voltage protection level [LN] / [N-PE] (U _{p1})	≤ 1.5 kV / ≤ 1.5 kV
Follow current interrupting capability (I _{cs})	25 kArms / 100Arms
Freewheeling / Selectivity	Expected to reach freewheeling 25 kArms Time, 20 A gL / gG Fuse does not jump
Response time (t _A)	≤ 100 ns
I _k = 50 kArms, Maximum back-up fuse (L)	315 A gL / gG
I _k > 50 kArms, Maximum back-up fuse (L)	200 A gL / gG
Maximum back-up fuse (L-L ')	125 A gL / gG
Transient overvoltage (TOV) (U _T)	440 V / 5 sec.

Transient overvoltage (TOV) [N-PE] (U _T)	1200 V / 200 ms
TOV characteristic	Tolerance
Operating Temperature Range parallel / series (T _U)	- 40 °C ... + 80 °C / - 40 °C ... + 60 °C
Work status / fault indication	Green / red
Number of ports	1
Minimum Cross-sectional area (L1, L1', L2, L2', L3, L3', PEN, )	10 mm ² Single-strand wire / cord
The maximum Cross-sectional area (L1, L2, L3, PEN)	50 mm ² Stranded line/ 35mm ² Flexible wire
The maximum Cross-sectional area (L1', L2', L3', )	35 mm ² Stranded Line / 25 mm ² Flexible wire
Mounting	35 mm DIN Rail, according to according to EN 60715
shell material	Red thermoplastic , UL 94 V-0
Installation Location	indoor
Protection class	IP20
size	8 modules, DIN 43880
Authenticate	KEMA, VDE, UL, VdS
Of remote signaling contact	float Movable switching contact point
AC switching capacity	250 V / 0.5 A
Switching capacity dc	250 V / 0.1 A; 125 V / 0.2 A; 75 V / 0.5 A
Sectional area for remote signaling terminals	maximum 1.5 mm ² Single-strand wire / cord