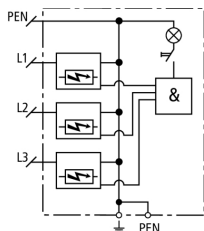


DV ZP TNC 255 (900 390)

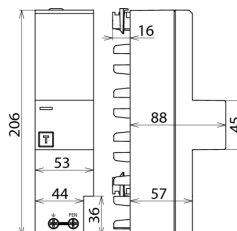
- Combined lightning current and surge arrester based on RADAX Flow spark gap technology
- Quick and easy installation by snapping the arrester onto 40 mm busbar systems
- Capable of protecting terminal equipment



Figure without obligation



Basic circuit diagram DV ZP TNC 255



Dimension drawing DV ZP TNC 255

Combined lightning current and surge arrester for TN-C systems for use in primary power systems ("3-0" circuit)

Type	DV ZP TNC 255
Part No.	900 390
SPD according to EN 61643-11	Type 1
SPD according to IEC 61643-1/-11	Class I
Energy coordination with terminal equipment	Type 1 + Type 2
Energy coordination with terminal equipment ($\leq 5\text{m}$)	Type 1 + Type 2 + Type 3
Nominal a.c. voltage (U_N)	230 / 400 V
Max. continuous operating a.c. voltage (U_C)	255 V
Lightning impulse current (10/350 μs) [L1+L2+L3-PEN] (I_{total})	75 kA
Specific energy [L1+L2+L3-PEN] (W/R)	1.40 MJ/ohms
Lightning impulse current (10/350 μs) [L-PEN] (I_{imp})	25 kA
Specific energy [L-PEN] (W/R)	156.25 kJ/ohms
Nominal discharge current (8/20 μs) (I_n)	25 / 75 kA
Voltage protection level (U_P)	$\leq 1.5\text{ kV}$
Follow current extinguishing capability a.c. (I_{ri})	25 kA _{rms}
Follow current limitation/Selectivity	no tripping of a 32 A gL/gG fuse up to 25 kA _{rms} (prosp.)
Response time (t_A)	$\leq 100\text{ ns}$
Max. backup fuse up to $I_K = 25\text{ kA}_{\text{rmsKk}}$	315 A gL/gG
Max. backup fuse for $I_K > 25\text{ kA}_{\text{rms}}$	200 A gL/gG
Temporary overvoltage (TOV) (U_T)	335 V / 5 sec.
TOV characteristic	withstand
Operating temperature range (T_U)	-40°C...+80°C
Operating state indication	button with indicator light
Number of ports	1
Cross-sectional area (PEN, \neq)	10-35 mm ² flexible/50 mm ² stranded
For mounting on	40 mm busbar systems
Enclosure material	thermoplastic, red, UL 94 V-0
Place of installation	indoor installation
Degree of protection	IP 20
Capacity	3 module(s), DIN 43880
Approvals	VDE
Weight	914 g
Customs tariff number	85363090
GTIN	4013364105751
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.