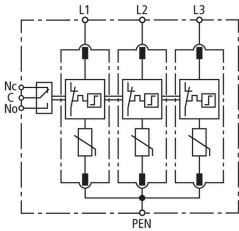


VT2 M TNC 275 FM (955 332)

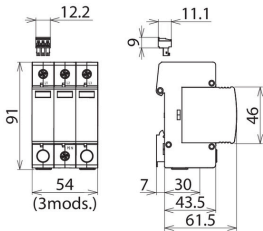
- Prewired complete unit consisting of a base part and plug-in protection modules
- High discharge capacity due to heavy-duty zinc oxide varistors
- High reliability due to "Thermo Dynamic Control" SPD monitoring device



Figure without obligation



Basic circuit diagram VT2 M TNC 275 FM



Dimension drawing VT2 M TNC 275 FM

Modular surge arrester for use in TN-C systems (3+0 configuration); with floating changeover contact.

Type	VT2 M TNC 275 FM
Part No.	955 332
SPD according to IEC 61643-11	type 2 / class II
Nominal voltage (a.c.) (U_N)	230 V / 400 V (50 / 60 Hz)
Max. continuous operating voltage (a.c.) (U_C)	275 V (50 / 60 Hz)
Nominal discharge current (8/20 μ s) (I_n)	20 kA
Max. discharge current (8/20 μ s) (I_{max})	40 kA
Voltage protection level [L-PEN] (U_p)	≤ 1.4 kV
Response time (t_A)	≤ 25 ns
Max. mains-side overcurrent protection	125 A gG
Short-circuit withstand capability for max. mains-side overcurrent protection (I_{SCCR})	25 kA _{rms}
Temporary overvoltage (TOV) (U_T) - Characteristic	335 V / 5 sec. – Withstand
Temporary overvoltage (TOV) (U_T) - Characteristic	440 V / 120 min. – safe failure
Operating temperature range (T_U)	-40 °C ... +85 °C
Operating state / fault indication	green / red
Number of ports	1
Cross-sectional area (min.)	4 mm ² solid / flexible
Cross-sectional area (max.)	25 mm ² flexible
For mounting on	35 mm DIN rails acc. to EN 60715
Enclosure material	thermoplastic, grey, PA6
Place of installation	indoor installation
Degree of protection	IP 20
Capacity	3 module(s), DIN 43880
Type of remote signalling contact	changeover contact
Switching capacity (a.c.)	250 V / 0.5 A
Switching capacity (d.c.)	30 V/0.1 A
Cross-sectional area for remote signalling terminals	max. 1.5 mm ² solid / flexible
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.