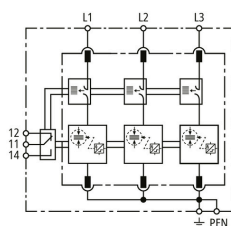


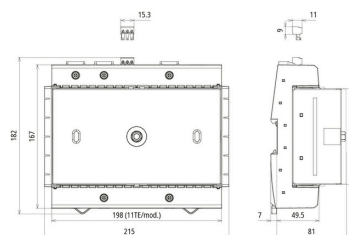
## DV ACI M TNC 264 FM (961 305)



Figure without obligation



Basic circuit diagram DV ACI M TNC 264 FM



Dimension drawing DV ACI M TNC 264 FM

Modular combined arrester with Advanced Circuit Interruption (ACI) for TN-C systems.

Available end of 2024.

| Type                                                                      | DV ACI M TNC 264 FM                                                                                       |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Part No.                                                                  | 961 305 <small>NEW</small>                                                                                |
| SPD as per EN 61673-11 / IEC 61643-11                                     | type 1 + type 2 + type 3 / class I + class II + class III                                                 |
| Energy coordination with terminal equipment ( $\leq 10$ m)                | Type 1 + type 2 + type 3                                                                                  |
| Nominal voltage (a.c.) ( $U_N$ )                                          | 230 / 400 V (50 / 60 Hz)                                                                                  |
| Max. continuous operating voltage (a.c.) ( $U_C$ )                        | 264 V (50 / 60 Hz)                                                                                        |
| Lightning impulse current (10/350 $\mu$ s) [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 $\mu$ s) [L-PEN] ( $I_{imp}$ )          | 25 kA                                                                                                     |
| Specific energy [L-PEN] (W/R)                                             | 156.25 kJ/ohms                                                                                            |
| Nominal discharge current (8/20 $\mu$ s) [L-PEN] ( $I_n$ )                | 25 kA                                                                                                     |
| Voltage protection level ( $U_P$ )                                        | $\leq 1,5$ kV                                                                                             |
| Open-circuit voltage of the combination wave generator ( $U_{oc}$ )       | 20 kV                                                                                                     |
| Follow current extinguishing capability (a.c.) ( $I_f$ )                  | 50 kA <sub>rms</sub>                                                                                      |
| Integrated overcurrent protection                                         | Yes, ACI technology                                                                                       |
| Short-circuit strength ( $I_{scCR}$ )                                     | 50 kA <sub>rms</sub>                                                                                      |
| Response time ( $t_A$ )                                                   | $\leq 100$ ns                                                                                             |
| Temporary overvoltage (TOV) ( $U_T$ ) – Characteristic                    | 440 V / 120 min. – withstand                                                                              |
| Operating temperature range ( $T_U$ )                                     | -40°C to +80°C                                                                                            |
| Operating state / fault indication                                        | Green / red (inspection window)                                                                           |
| Module disconnection indication                                           | Green (side view)                                                                                         |
| Number of ports                                                           | 1                                                                                                         |
| Cross-sectional area (L1, L2, L3, PEN, $\pm$ ) (min.)                     | 6 mm <sup>2</sup> solid / fine-stranded                                                                   |
| Cross-sectional area (L1, L2, L3, PEN, $\pm$ ) (max.)                     | 35 mm <sup>2</sup> stranded / 25 mm <sup>2</sup> fine-stranded                                            |
| For mounting on                                                           | 35-mm DIN rail as per EN 60715 / busbar                                                                   |
| Place of installation                                                     | Indoor                                                                                                    |
| Degree of protection                                                      | IP 20                                                                                                     |
| Capacity                                                                  | 11 module(s), DIN 43880                                                                                   |
| Extended technical data:                                                  | Use in switchgear installations with prospective short-circuit currents of more than 50 kA <sub>rms</sub> |
| – Max. prospective short-circuit current                                  | 100 kA <sub>eff</sub> (220 kA <sub>peak</sub> )                                                           |
| – Limiting/cancelling of mains follow currents                            | up to 100 kA <sub>rms</sub> (220 kA <sub>peak</sub> )                                                     |
| Weight                                                                    | 2,42 kg                                                                                                   |
| Customs tariff number (Comb. Nomenclature EU)                             | 85363090                                                                                                  |
| GTIN                                                                      | 4013364513440                                                                                             |
| 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.