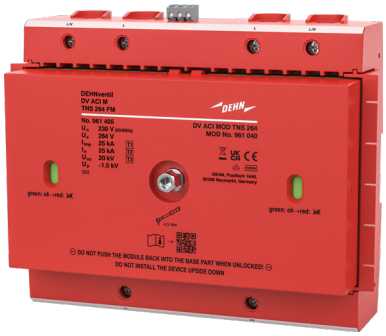
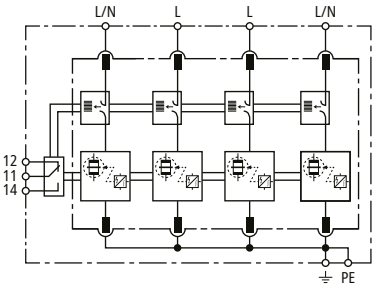
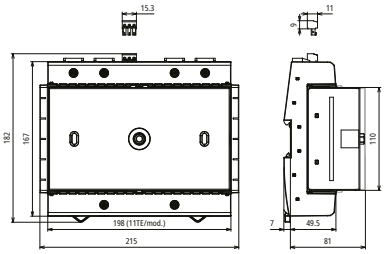
DEHNventil modular

DV ACI M TNS 264 FM (961405)





Basic circuit diagram



Dimension drawing

NEW

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

Type	**DV ACI M TNS 264 FM**
Part No.	**961405**
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 (≤ 10 m)	Type 1 + Type 2 + Type 3
Nominal voltage (a.c.) (U_N)	230 / 400 V (50 / 60 Hz)
Max. continuous operating voltage (AC) (U_C)	264 V (50 / 60 Hz)
Lightning impulse current (10/350 µs) [L1+L2+L3+N-PE] (I_{total})	100 kA
Specific energy [L1+L2+L3+N-PE] (W/R)	2.50 MJ/ohms
Lightning impulse current (10/350 µs) [L, N-PE] (I_{imp})	25 kA
Specific energy [L,N-PE] (W/R)	156.25 kJ/ohms
Nominal discharge current (8/20 µs) [L/N-PE] (I_n)	25 kA
Voltage protection level [L-PE]/[N-PE] (U_p)	≤ 1.5 kV
Open-circuit voltage of the combination wave generator (U_{OC})	20 kV
Follow current extinguishing capability (a.c.) (I_{fi})	50 kA_{rms}
Integrated overcurrent protection	Yes, ACI technology
Integrated ACI technology is selective to upstream fuse	≥ 100 A gG
Short-circuit strength [L-PE]/[N-PE] (I_{SCCR})	50 kA_{eff}
Response time (t_A)	≤ 100 ns
Temporary overvoltage (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, N, PE,) (min.)	16 mm²
Cross-sectional area (L1, L2, L3, N, PE,) (max.)	16 mm² solid / 35 mm² stranded / 25 mm² 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 Standard DIN module, DIN 43880
When used in switchgear with prospective short-circuit currents exceeding 50 kA_{rms} (tested by VDE)	
Max. prospective short-circuit current	100 kA_{rms} (220 kA_{peak})
Limitation / Extinction of mains follow currents	Up to 100 kA_{rms} (220 kA_{peak})

Masterdata	
Net weight	2.57 kg/pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363090
GTIN	4013364513365
PU	1 pc(s)

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.