

DV ACI M TNS 264 FM (961 405)

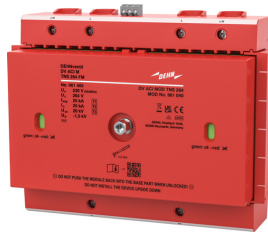
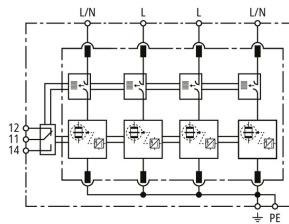
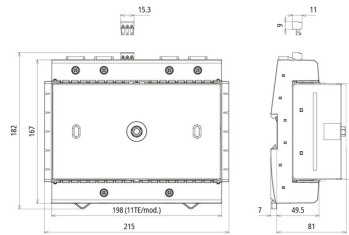


Figure without obligation



Basic circuit diagram DV ACI M TNS 264 FM



Dimension drawing DV ACI M TNS 264 FM

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

Type	DV ACI M TNS 264 FM
Part No.	961 405 NEW
SPD as per EN 61643-11 / 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 (a.c.) (U_c)	264 V (50 / 60 Hz)
Lightning impulse current (10/350 μ s) [$L1+L2+L3+N-PE$] (I_{total})	100 kA
Specific energy [$L1+L2+L3+N-PE$] (W/R)	2.50 MJ/ohms
Lightning impulse current (10/350 μ s) [$L, N-PE$] (I_{imp})	25 kA
Specific energy [$L, N-PE$] (W/R)	156.25 kJ/ohms
Nominal discharge current (8/20 μ s) [$L/N-PE$] (I_n)	25 kA
Voltage protection level [$L-PE$]/[$N-PE$] (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_{fi})	50 kA _{rms}
Integrated overcurrent protection	Yes, ACI technology
Short-circuit strength [$L-PE$]/[$N-PE$] (I_{SCCR})	50 kA _{rms}
Response time (t_A)	≤ 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 ($L1, L2, L3, N, PE, \pm$) (min.)	16 mm ²
Cross-sectional area ($L1, L2, L3, N, PE, \pm$) (max.)	16 mm ² solid / 35 mm ² stranded / 25 mm ² 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_{rms}
– Max. prospective short-circuit current	100 kA _{rms} (220 kA _{peak})
– Limiting/cancelling of mains follow currents	up to 100 kA _{rms} (220 kA _{peak})
Weight	2,42 kg
Customs tariff number (Comb. Nomenclature EU)	85363090
GTIN	4013364513365
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.