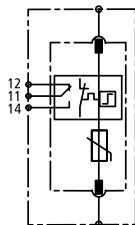


Single-phase surge arrester, type 2

For protection of sub-distributions or the control cabinet main supply

wietap G S 275 (FM)

- Surge arrester, type 2
- All-purpose surge arrester
- With pluggable protection modules
- High discharge capacity due to powerful zinc oxid varistor
- High reliability due to arrester monitoring
- Slim design (modular construction) acc. to DIN 43880
- Multi-function connection for conductors and comb rails
- Function/failure indication according to VDE 0100-534
- Optional with remote signaling contact (FM)
- Vibration and shock tested acc. to EN 60068-2



Type	Part No.
wietap G S 275	84.995.2070.0
wietap G S 275 FM	84.995.2090.0
Power network	universal
SPD accord. to EN 61643-11	Type 2
SPD accord. to IEC 61643-1	Class II
Maximum continuous voltage AC [U _c]	275 V
Nominal frequency [f _n]	50 / 60 Hz
Maximum continuous voltage DC [U _c]	350 V
Nominal discharge current (8/20) [I _n]	20 kA
Max. discharge current (8/20) [I _{max}]	40 kA
Protection level [U _p]	≤ 1.25 kV
Protection level at 5 kA [U _p]	≤ 1 kV
Operating time [t _a]	≤ 25 ns
Maximum network overcurrent protection	125 A gL/gG
Short-circuit proof with max. network overcurrent protection	50 kA _{eff}
TOV-voltage [U _T]	335 V / 5 sec.
Temperature range [T _U]	-40 ... +80 °C
Function/failure indication	green / red
Wire range (min.)	1.5 mm ² (AWG 14) solid/fine-stranded
Wire range (max.)	35 mm ² (AWG 2) stranded / 25 mm ² (AWG 4) fine-stranded
Mounted on DIN rail acc. to EN 60715	35 mm
Housing material	Thermoplast, UL 94 V-0
Degree of protection	IP 20
Dimensions	1 TE, DIN 43880 (18 mm)
Remote signaling contacts = Contact Type	Change-over contact
Switching capacity AC (FM)	250 V/0,5 A
Switching capacity DC (FM)	250 V/0.1 A; 125 V/0.2 A; 75 V/0.5 A
Wire range for remote signaling terminals	max. 1.5 mm ² (AWG 14) solid/fine-stranded
Approvals	CE

wietap G MOD 275

- Replacement module for wietap G S 275 (FM)



Type	Part No.
wietap G MOD 275	84.995.2010.0