

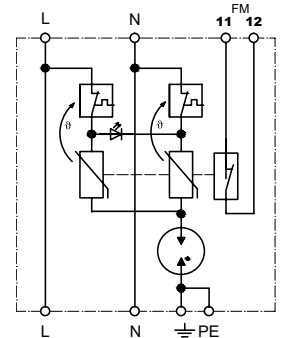
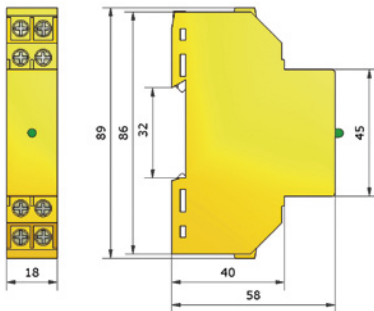
Class III (T3) Surge Arresters, leakage-current free

EnerPro D, TN, TN-C, TN-S and TT Systems

EnerPro D TN 275

Compact 2-pole surge arrester, e.g. for 1-phase TN systems.

- Optional remote signalling contact (FM)



Basic circuit diagram

Technical Data	EP D TN 275
Nominal alternating voltage (UN)	230 V~
Max. continuous operating alternating voltage (Uc)	275 V~
Nominal current (IL)	16 A
Max. acceptable fuse or back-up fuse	16 A gL/gG A
Protection level L-N (Up)	≤ 1.0 kV
Protection level L/N-PE (Up)	≤ 1.5 kV
Response time L-N / L,N-PE (tA)	≤ 25/≤ 50 ns
Nominal discharge current (8/20 μs) (In)	5 kA
Max. impulse discharge current (8/20 μs) (Imax)	8 kA
Operating temperature range (TU)	-40 — +80 °C
Max. conductor cross section	2x 2.5 mm² solid / 2x 1.5 mm² fine-stranded with sleeve
Enclosure material / colour	polycarbonate (halogen-free) UL94-V0 / yellow
Degree of protection (IEC EN 60529)	IP 20
Mounting on	35 mm DIN rail (DIN EN 50 022)
Net weight / pc	90 g

Order Data	
Product	EP D TN 275
Ordering part no.	38 12 54

Technical Data and Order Data	EP D TN 275/FM
FM contact / contact type	break contact
Switching capacity	250 / 2 V/A
Product	EP D TN 275/FM
Ordering part no.	38 12 55