

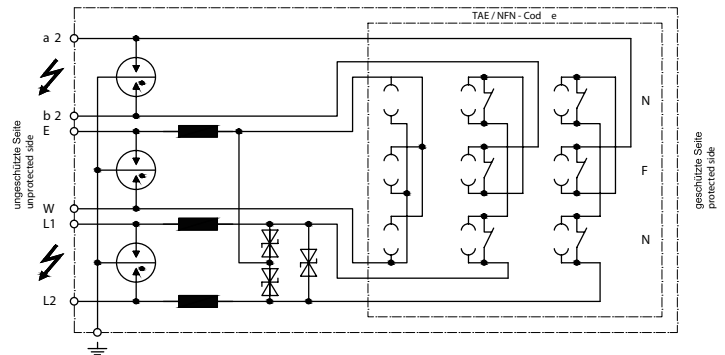
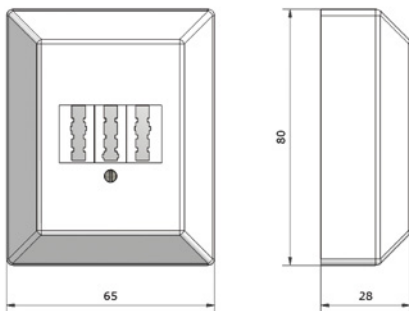
## Surge Protective Devices for Telecommunications

### SPD of the Test Category C2+C1

#### DataPro-TAE/NFN-aP

Surge voltage arrester for the protection of analogue communication lines.  
Surge voltage protection telecommunication connection units TAE for analogue and DSL interfaces.

- 2-step (5-point) coarse and fine protective circuit
- NFN code
- Fax, modem, answering machine
- Emergency dialling devices
- Standard of the Deutsche Telekom



Basic circuit diagram

Technical Data	DataPro-TAE/NFN-aP
Nominal direct voltage (UN)	60 V=
Max. continuous direct voltage (Uc)	185 V=
Nominal current (IN)	1.5 A
C2 nominal discharge current (8/20 μs) total (In)	5 kA
Protection level at In (line-line) (Up)	≤ 300 V
Protection level at In (line-earth) (Up)	≤ 450 V
Max. operating frequency (3 dB)	1.5 MHz
Resistance per path (R)	1 Ω
Degree of protection (IEC EN 60529)	IP 20
Operating temperature range (TU)	-40 – +80 °C
Response time (line-line)/(line-earth) (tA)	≤ 10 / ≤ 50 ns
Max. conductor cross section	flexible 1.5 / solid 1.0 mm <sup>2</sup>
Net weight / pc	90 g

Order Data	
Product	DataPro-TAE/NFN-aP
Ordering part no.	24 00 04