

Combination protection device for ISDN and DSL systems



Data cable protection device for telecommunications equipment



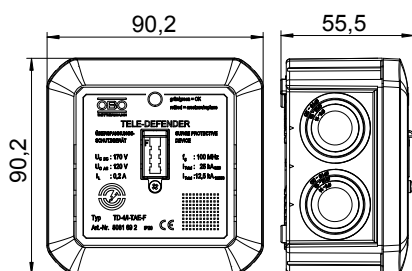
- Low protection level at a high current load
- "Push-in" terminals for quick installation
- Bandwidth-optimised for secure transmission
- Preinstalled TAE socket for Plug & Play
- Surface mounting
- Visual function display

Application: DSL systems, IP connections, ISDN or analogue telecommunications

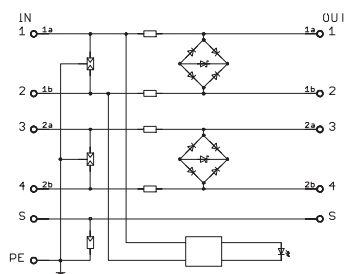
Type	Highest continuous voltage AC V	Highest continuous voltage DC V	Number of poles	Connection system	Pack. pcs	Weight kg/100 pcs.	Item No.
TD-4I-TAE-F	120	170	4	Terminal	1	12,300	5081692

Plastic

Dimensions



Connection options



TD-4I-TAE-F

Maximum continuous voltage AC V	U_c	120
Maximum continuous voltage DC V	U_c	170
Category		Type 1+2+3 / D1+C2+C1
Lightning protection zone LPZ		0-3
Number of poles		4
Rated current A	I_n	0,2
Capacity (wire-wire)		<50 pF
Capacity (wire-earth)		<10 pF
Series resistance per wire		$9 \Omega \pm 10 \%$
Impulse durability wire-wire		C2: 18 kV / 9 kA (8/20 μ s)
Impulse durability wire-earth		C2: 18 kV / 9 kA (8/20 μ s)
Impulse discharge current (10/350) kA	I_{imp}	2,5
Total discharge current (8/20) kA		25
Total discharge current (10/350) kA		D1: 12,5
Protection level wire-wire V		<300
Protection level wire-earth V		<650
Protection level shield-earth (S-PE) V		850
Frequency range		0 - 100 MHz
Insertion loss dB	S_{21}	≤ 3
Temperature range °C	ϑ	-40-80
Installation type		Surface-mounted
Connection system		Terminal
Protection rating		IP20
Shielding connection available		Yes
Connection cross-section, flexible mm ²		0,14-0,75
Connection cross-section, multi-wire mm ²		0,14-0,75
Connection cross-section rigid mm ²		0,14-0,75
Testing standard		IEC 61643-21