

Technical data sheet

Coaxial protection device for SAT and cable multi-switch

Item no. 5083400



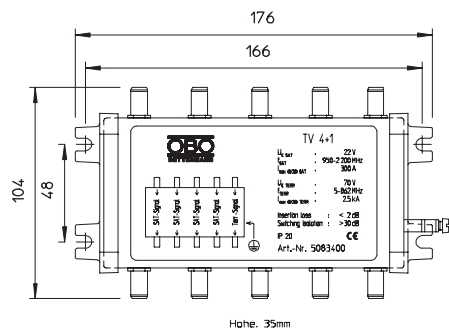
Coaxial data line protection for TV reception systems

- Protects up to four SAT lines
- Protects one terrestrial line, e.g. DVB-T.
- Simple mounting using screws and holder
- With F-connector
- Optimum transmission behaviour with 75 Ohm technology.

Application: Protection of TV and SAT systems, multi-switches, receivers and DVB-T receivers



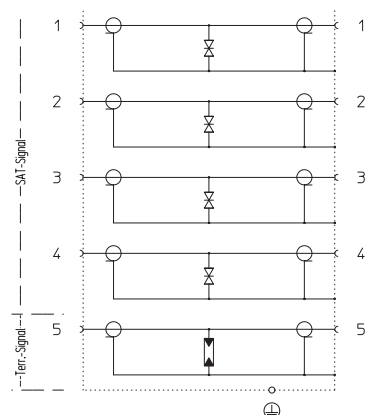
Dimensions



Master data

Item no.	5083400
Type	TV 4+1
Description 1	Surge protective device
Description 2	for antenna systems
Dimension	70V
Smallest sales unit (VG)	1 Piece
Weight	37,00 kg/100 pc.

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Arrestor monitoring	<input type="checkbox"/>
Category	Type 2+3 / C2+C1
SPD to IEC 61643-21	Class II+III / C2+C1
Response time	<1ns ns
Version	Fine protection device
Number of poles	5
Insertion loss	≤3 dB
Earthing via:	Connection cable
Explosion-tested version	<input type="checkbox"/>
Telecommunications contact	<input type="checkbox"/>
Total discharge current (8/20)	0,5 kA
Total discharge current (10/350)	5 kA
Frequency range	0,5 - 2,8 GHz
Frequency range	500,00 - 2.800,00 MHz
Cut-off frequency	2.800,00 MHz

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Maximum continuous voltage AC	130,00 V
Maximum continuous voltage DC	185,00 V
Maximum continuous voltage Vc SAT inputs	22,00 V
Maximum continuous voltage Vc terrestrial input	70,00 V
Insulation resistance	>1 GΩ
Impulse discharge current (10/350)	2,50 kA
Lightning impulse current terrestrial input	1,00 kA
Capacity (wire-wire)	<500 pF
Capacity (wire-earth)	<500 pF
Lightning protection zone LPZ	1→3
Nominal discharge current SAT inputs	300 A
Rated current	2,00 A
Nominal load current AC	1,40 A
Nominal load current DC	2,00 A
Installation type	Surface-mounted
Testing standard	IEC 61643-21
Return loss	>30 dB
Shielding connection available	Yes
Shield connection	Direct
Protection rating	IP10
Protection level	<800 V
Protection level wire-wire	<800 V
Protection level wire-earth	<800 V
Protection level Terrestrial input at In	<500 V
Protection level SAT inputs at In	<45 V
Signalling on device	None
Connection system	F
Impulse durability wire-wire	C2: 10 kV / 5 kA (8/20μs)
Impulse durability wire-earth	C2: 10 kV / 5 kA (8/20μs)
Temperature range	-40+80 °C
Wave resistance	75 Ω