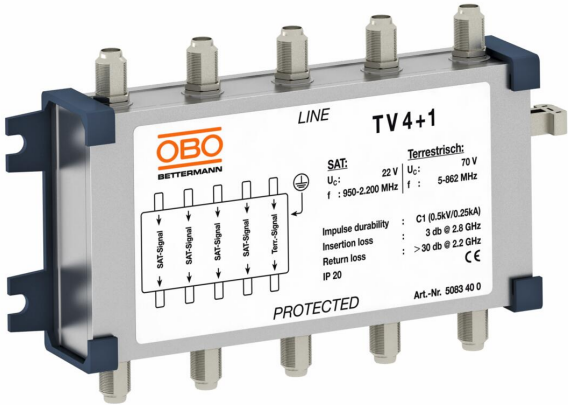


Technical data sheet

Coaxial protection device for SAT and cable multi-switch

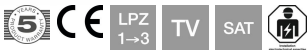
Item number: 5083400



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



Master data		
Item number	5083400	
Type	TV 4+1	
Description 1	Surge protective device	
Description 2	for antenna systems	
Manufacturer	OBO	
Dimension	70V	
Smallest sales unit	1	
Unit of quantity	Piece	
Weight	37 kg	
Weight unit	kg/100 pc.	
CO2 Footprint (GWP) Cradle-to-Gate	1,1222 kg CO2e / 1 Piece	

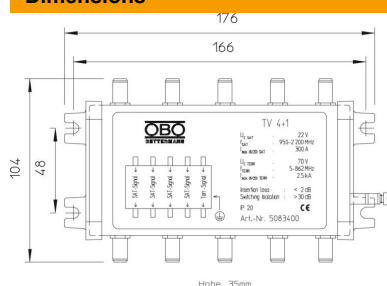
Technical data sheet

Coaxial protection device for SAT and cable multi-switch

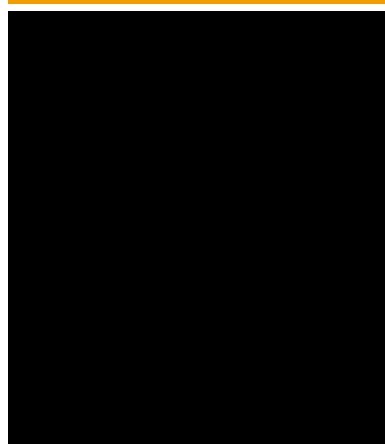
Item number: 5083400



Dimensions



Technical data



Arrestor monitoring	no
Response time	<1 ns
Number of poles	5
Version for	Fine protection device
Insertion loss	≤3 dB
Earthing via:	Connection cable
Explosion-tested version	no
Telecommunications contact	no
Total discharge current (10/350)	5 kA
Total discharge current (8/20)	0.5 kA
Cut-off frequency	2800 MHz
Maximum continuous voltage AC	130 V
Maximum continuous voltage DC	185 V
Maximum continuous voltage Vc SAT inputs	22 V
Maximum continuous voltage Vc terrestrial input	70 V
Lightning impulse current	2.5 kA
Lightning impulse current terrestrial input	1
Insulation resistance	>1 GΩ
Capacity (wire-wire)	<500 pF
Capacity (wire-earth)	<500 pF
Kategorie	Type 2+3 / C2+C1
Lightning protection zone LPZ	1→3
Mounting type	Surface-mounted
Nominal discharge current SAT inputs	300 A
Nominal load current AC	1.4 A
Nominal load current DC	2 A
Testing standard	IEC 61643-21
ROHS-conformant	Exempt
Return loss	>30 dB
Shielding connection available	yes
Screening	Direct
Protection rating	IP10
Protection level	<800 V
Protection level wire-wire	<800 V
Protection level wire-earth	<800 V
Protection level SAT inputs at In	<45 V

Technical data sheet

Coaxial protection device for SAT and cable multi-switch

Item number: 5083400



Technical data

Protection level Terrestrial input at In	<500 V
Signalling on device	None
SPD to IEC 61643-21	Class II+III / C2+C1
Plug-in system	F
Impulse durability wire-wire	C2: 10 kV / 5 kA (8/20µs)
Impulse durability wire-earth	C2: 10 kV / 5 kA (8/20µs)
Permitted temperature range, max.	80 °C
Permitted temperature range, min.	-40 °C
Wave resistance	75 Ω