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Attachment plug with surge voltage coarse and fine protection, for coaxial signal interfaces with floating shield, signal voltage 5 V. Connection: TNC socket/plug



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	114.18 GRM
Custom tariff number	85363010
Country of origin	Germany

Technical data

Dimensions

Height	25.4 mm
Width	25.4 mm
Depth	93 mm

Ambient conditions

Ambient temperature (operation)	-40 °C 80 °C
Degree of protection	IP20

General

Housing material	Aluminum
Color	black
Mounting type	Connection-specific intermediate plugging
Туре	Attachment plug
Direction of action	Line-Shield/Earth Ground

Protective circuit

IEC test classification	C2



Technical data

Protective circuit

VDE requirement class C2 VDE requirement class C3 Nominal voltage U _N 5 V DC Maximum continuous operating voltage U _C 5 V DC Maximum continuous voltage U _C (wire-ground) 5 V DC Nominal current I _N 185 mA (25 °C) Operating effective current I _C at U _C ≤ 300 μA Nominal discharge current I _N (8/20) μs (Core-GND) 10 kA Output voltage limitation at 1 kV/μs (Core-Core) spike ≤ 13 V Output voltage limitation at 1 kV/μs (Core-Earth) spike ≤ 500 V Output voltage limitation at 1 kV/μs (Core-Earth) static ≤ 500 V Output voltage limitation at 1 kV/μs (Core-GND) static ≤ 13 V Residual voltage at In, (conductor-GND) ≤ 10 V Voltage protection level U _P (Core-Earth) ≤ 500 V Voltage protection level U _P (Core-GND) ≤ 13 V Response time tA (Core-Earth) ≤ 500 ns Cut-off frequency fg (3 dB), asym. (PE) in 50 Ohm system 170 MHz Resistance in series 22 Ω		
Nominal voltage U _N S V DC Maximum continuous operating voltage U _C Maximum continuous voltage U _C (wire-ground) S V DC Maximum continuous voltage U _C (wire-ground) S V DC Nominal current I _N 185 mA (25 °C) Operating effective current I _C at U _C S 300 µA Nominal discharge current I _N (8/20) µs (Core-GND) 10 kA Output voltage limitation at 1 kV/µs (Core-Core) spike S 500 V Output voltage limitation at 1 kV/µs (Core-Earth) spike S 500 V Output voltage limitation at 1 kV/µs (Core-Earth) static S 500 V Output voltage limitation at 1 kV/µs (Core-GND) static S 13 V Residual voltage at In, (conductor-GND) Voltage protection level U _P (Core-Earth) Voltage protection level U _P (Core-Earth) S 500 V Cut-off frequency fg (3 dB), asym. (PE) in 50 Ohm system 170 MHz		C3
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Voltage protection level U_P (Core-Earth) $\leq 500 \text{ V}$ Voltage protection level U_P (Core-GND) $\leq 13 \text{ V}$ Response time tA (Core-Earth) $\leq 500 \text{ ns}$ $\leq 100 \text{ ns}$ Cut-off frequency fg (3 dB), asym. (PE) in 50 Ohm system 170 MHz	Output voltage limitation at 1 kV/µs (Core-GND) static	≤ 13 V
$\begin{tabular}{lll} Voltage protection level U_P (Core-GND) & ≤ 13 V \\ Response time tA (Core-Earth) & ≤ 500 ns \\ & ≤ 100 ns \\ Cut-off frequency fg (3 dB), asym. (PE) in 50 Ohm system & 170 MHz \\ \end{tabular}$	Residual voltage at In, (conductor-GND)	≤ 10 V
Response time tA (Core-Earth) ≤ 500 ns ≤ 100 ns Cut-off frequency fg (3 dB), asym. (PE) in 50 Ohm system 170 MHz	Voltage protection level U _P (Core-Earth)	≤ 500 V
≤ 100 ns Cut-off frequency fg (3 dB), asym. (PE) in 50 Ohm system 170 MHz	Voltage protection level U _P (Core-GND)	≤ 13 V
Cut-off frequency fg (3 dB), asym. (PE) in 50 Ohm system 170 MHz	Response time tA (Core-Earth)	≤ 500 ns
		≤ 100 ns
Resistance in series 22 Ω	Cut-off frequency fg (3 dB), asym. (PE) in 50 Ohm system	170 MHz
	Resistance in series	22 Ω

Connection data

Connection method	TNC 50 Ω
Connection type IN	TNC socket
Connection type OUT	TNC plug

Standards and Regulations

Standards/regulations	Draft IEC 64644-1
	E VDE 0845-3-1

Classifications

eCl@ss

eCl@ss 4.0	27140201
eCl@ss 4.1	27130801
eCl@ss 5.0	27130801
eCl@ss 5.1	27130801
eCl@ss 6.0	27130807



Classifications

eCl@ss

eCl@ss 7.0	27130807
eCl@ss 8.0	27130807

ETIM

ETIM 2.0	EC000943
ETIM 3.0	EC000943
ETIM 4.0	EC000943
ETIM 5.0	EC000943

UNSPSC

UNSPSC 6.01	30212010
UNSPSC 7.0901	39121610
UNSPSC 11	39121610
UNSPSC 12.01	39121610
UNSPSC 13.2	39121620

Approvals

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Approvals

GOST

Ex Approvals

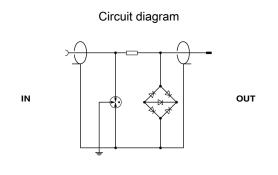
Approvals submitted

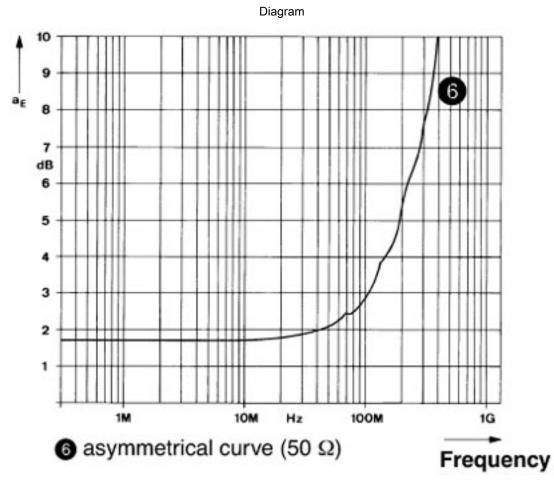
Approval details

GOST 🕑

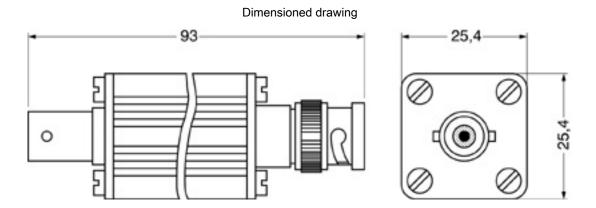
Drawings











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