Extract from the online catalog

C-UB/E

Order No.: 2763701

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Attachment plug with surge protection, for coaxial signal interfaces with floating shield. Connection: BNC female/male connector

Commercial data	
GTIN (EAN)	4 017918 065638
sales group	J401
Pack	10 pcs.
Customs tariff	85363010
Catalog page information	Page 169 (TT-2009)

Product notes

WEEE/RoHS-compliant since: 04/27/2006

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Technical data

General

Housing material	Aluminum
Color	black
Standards for air and creepage distances	DIN VDE 0110-1
	IEC 60664-1: 1992-10

Total surge current (8/20) µs	10 kA
Ambient temperature (operation)	-40 °C ... 80 °C
Mounting type	Connection-specific intermediate plugging
Design	Attachment plug
Degree of protection	IP20
Direction of action	Line-Shield/Earth Ground
Width	25.40 mm
Height	80.00 mm
Length	2.54 mm

Protective circuit

IEC category	C2
	C3
	D1
VDE requirement class	C2
	C3
	D1
Maximum continuous operating voltage U_C	180 V DC
	130 V AC
Maximum continuous voltage U_C (wire-ground)	180 V DC
	130 V AC
Nominal current I_N	3.5 A (25°C)
Operating effective current I_C at U_C	≤ 1 µA
Ground conductor current I_{PE}	≤ 2 µA
Nominal discharge surge current I_n (8/20) µs (Core-Earth)	5 kA
Nominal discharge surge current I_n (8/20) µs (Core-Shield)	5 kA
Nominal discharge surge current I_n (8/20) µs (Shield-Earth)	5 kA
Total surge current (8/20) µs	10 kA
Nominal pulse current Ian (10/1000) µs (Core-Earth)	100 A
Output voltage limitation at 1 kV/µs (Core-Earth) spike	≤ 470 V
Output voltage limitation at 1 kV/µs (Core-Shield) spike	≤ 590 V

Output voltage limitation at 1 kV/µs (Shield-Earth) spike	≤ 470 V
Output voltage limitation at 1 kV/µs (Core-Earth) static	≤ 470 V
	≤ 33 V
Output voltage limitation at 1 kV/µs (Shield-Earth) static	≤ 33 V
Residual voltage at I_n, (conductor-ground)	≤ 160 V (1.5 m cable)
Residual voltage at In, (conductor-shield)	≤ 55 V
Residual voltage at In, (shield-ground)	≤ 160 V (1.5 m cable)
Protection level U_P (Core-Earth)	≤ 500 V (C2, 10 kV/5 kA)
Protection level U_P (Core-Shield)	≤ 700 V (C2, 10 kV/5 kA)
Protection level U_P (Shield-Earth)	≤ 500 V (C2, 10 kV/5 kA)
Response time tA (Core-Earth)	≤ 100 ns
Response time tA (Core-GND)	≤ 100 ns
Response time tA (Shield-Earth)	≤ 100 ns
Input attenuation aE, asym.	0.1 dB (≤ 100 MHz)
Cut-off frequency fg (3 dB), asym. (shield) in 50 Ohm system	Typ. 1 GHz
Standing wave ratio SWR in a 50 Ω system	Typ. 1.3 (≤ 150 MHz)
Permissible HF power $P_{max.}$ at SWR=xx (50 Ohm system)	300 W (VSWR = 1.1)
	80 W (VSWR = ∞)
Capacity asymmetrical (shield)	7 pF (typical)
Surge carrying capacity in acc. with IEC 61643-21 (Core-Earth)	C2 (10 kV/5 kA)
	D1 (2.5 kA)
Surge carrying capacity in acc. with IEC 61643-21 (Shield-Earth)	C2 (10 kV/5 kA)
	D1 (2.5 kA)

Connection data

Type of connection	BNC 50 Ω
Connection type IN	BNC socket
Connection type OUT	BNC plug

Connection, equipotential bonding

Type of connection	PVC litz wire

Connection, protective circuit	
Standards/regulations	IEC 61643-21

Certificates / Approvals

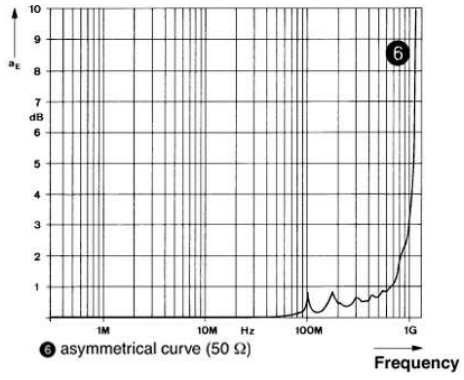
Certification GOST

Accessories

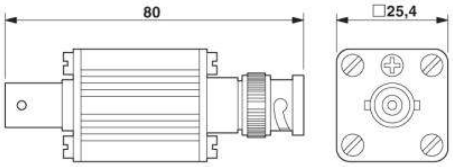
Item	Designation	Description
Plug/Adapter		
2805038	BNC-DV 50	BNC connector, double-level, for mounting on NS 32 or NS 35/7.5, wave impedance: 50 Ohm
2805041	BNC-V 50	BNC connector, single-level, for mounting on NS 32 or NS 35/7.5, wave impedance: 50 Ohm

Diagrams/Drawings

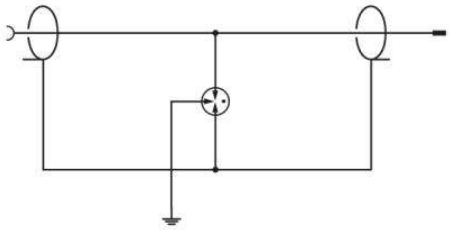
Diagram



Dimensioned drawing



Circuit diagram



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