



Extract from the online catalog

C-UFB- 5DC

Order No.: 2797858



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2797858>

Attachment plug with surge voltage coarse and fine protection, for coaxial signal interfaces, signal voltage 5 V. Connection: BNC female/ male connector

Commercial data	
EAN	4017918073534
Note	Made-to-order
sales group	J401
Pack	10 pcs.
Customs tariff	85363010
Weight/Piece	0.086245 KG
Catalog page information	Page 175 (TT-2009)

Product notes

WEEE/RoHS-compliant since:
05/22/2006



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Technical data

General	
Housing material	Aluminum
Color	black

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Standards for air and creepage distances	VDE 0110-1
	IEC 60664-1: 1992-10
Total surge current (8/20) μ s	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	93.00 mm
Length	25.40 mm
Protective circuit	
IEC category	C2
	C3
	D1
Arrester rated voltage U_c	5 V DC
Arrester rated voltage U_c (Core-Earth)	5 V DC
Nominal current I_N	185 mA (25°C)
Operating effective current I_c at U_c	$\leq 300 \mu$ A
Discharge current to PE at U_c	$\leq 300 \mu$ A
Nominal discharge surge current I_n (8/20) μ s (Core-Earth)	10 kA
Nominal discharge surge current I_n (8/20) μ s (Core-Shield)	10 kA
Total surge current (8/20) μ s	10 kA
Max. discharge surge current I_{max} (8/20) μ s maximum (Core-Earth)	10 kA
Output voltage limitation at 1 kV/ μ s (Core-Earth) spike	≤ 150 V
Output voltage limitation at 1 kV/ μ s (Core-Shield) spike	≤ 150 V
Output voltage limitation at 1 kV/ μ s (Core-Earth) static	≤ 13 V
Output voltage limitation at 1 kV/ μ s (Core-Shield) static	≤ 13 V
Residual voltage at I_n , (conductor-ground)	≤ 22 V
Residual voltage at I_n , (conductor-shield)	≤ 22 V

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Protection level U_p (Core-Earth)	≤ 50 V (C2 (5kA))
Protection level U_p (Core-Shield)	≤ 50 V (C2 (5kA))
Response time t_A (Core-Earth)	≤ 500 ns
Response time t_A (Core-GND)	≤ 500 ns
Input attenuation a_E , asym.	1.8 dB (≤ 10 MHz)
Cut-off frequency f_g (3 dB), asym. (PE) in 50 Ohm system	Typ. 150 MHz
Cut-off frequency f_g (3 dB), asym. (shield) in 50 Ohm system	Typ. 150 MHz
Surge carrying capacity in acc. with IEC 61643-21 (Core-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	Screw connection
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Connection, protective circuit

Standards/regulations	IEC 61643-21
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Certificates / Approvals



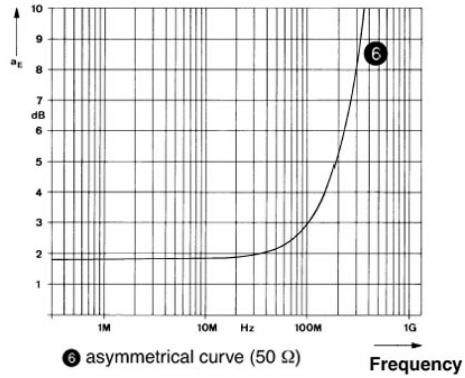
Certification

GOST

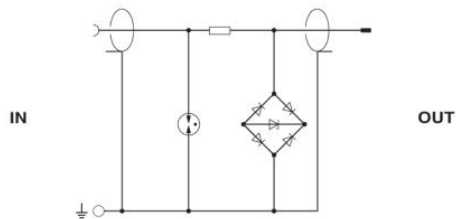
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Diagrams/Drawings

Diagram



Circuit diagram



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