

C-UFB-5DC/E75

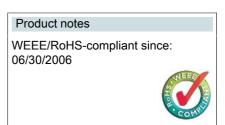
Order No.: 2763604

The illustration shows version C-UFB- 5DC/E



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

Commercial data	
EAN	4017918347772
Pack	10 pcs.
Customs tariff	85363010
Weight/Piece	0.1137 KG
Catalog page information	Page 159 (TT-2007)



Technical data		
General		
Housing material	Aluminum	
Color	black	

Standards for air and creepage distances	VDE 0110-1
	IEC 60664-1: 1992-10
Total surge current (8/20) µs	20 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-Shield)	5 V DC
Nominal current I _N	185 mA (25°C)
Operating effective current I _c at U _c	≤ 300 µA
Discharge current to PE at U _c	≤ 2 µA
Nominal discharge surge current I_n (8/20) μ s (Core-Earth)	10 kA
Nominal discharge surge current In (8/20) μs (Core-Shield)	10 kA
Total surge current (8/20) µs	20 kA
Output voltage limitation at 1 kV/μs (Core-Earth) spike	≤ 500 V
Output voltage limitation at 1 kV/ μ s (Core-Shield) spike	≤ 150 V
Output voltage limitation at 1 kV/µs (Core-Earth) static	≤ 500 V
Output voltage limitation at 1 kV/µs (Core-Shield) static	≤ 13 V
Residual voltage at In, (conductor-shield)	≤ 12 V
Protection level U _P (Core-Earth)	≤ 500 V
Protection level U _P (Core-Shield)	≤ 13 V
Response time tA (Core-Earth)	≤ 100 ns

Response time tA (Core-GND)	≤ 500 ns
Input attenuation aE, asym.	1.3 dB (≤ 5 MHz)
Cut-off frequency fg (3 dB), asym. (shield) in 50 Ohm system	Typ. 80 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 75 Ω
Connection type IN	BNC socket
Connection type OUT	BNC plug

Connection, equipotential bonding

Type of connection	PVC litz wire
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Connection, protective circuit

Standards/regulations	IEC 61643-21

Certificates / Approvals



Certification GOST

Drawings

Circuit diagram

