

D-UFB-IB-S-RBO

Order No.: 2748360



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Attachment plug with surge protection for 2-conductor remote bus output. Connection: D-SUB 9 female connector - male connector with ca. 20 cm conductor, snap-on foot for mounting on NS 32 or NS 35/7.5

Commercial data

GTIN (EAN)	 4 017918 062514
Note	Made-to-order
sales group	J400
Pack	1 pcs.
Customs tariff	85363010
Catalog page information	Page 131 (TT-2007)

Product notes

WEEE/RoHS-compliant since:
08/17/2006



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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) μ s	1.5 kA
Ambient temperature (operation)	-40 °C ... 80 °C
Mounting type	DIN rail: 35 mm
Design	Attachment plug for DIN rail mounting
Degree of protection	IP10
Direction of action	Line-Line & Line-Earth Ground
Width	16.50 mm
Height	70.00 mm
Length	112.80 mm

Protective circuit

IEC category	C1
	C3
VDE requirement class	C1
	C3
Nominal voltage U_N	5 V DC
Maximum continuous operating voltage U_C	5.8 V DC
Maximum continuous voltage U_C (wire-wire)	5.8 V DC
Maximum continuous voltage U_C (wire-ground)	5.8 V DC
Nominal current I_N	300 mA (25°C)
Operating effective current I_C at U_C	$\leq 300 \mu$ A
Ground conductor current I_{PE}	$\leq 300 \mu$ A
Nominal discharge surge current I_n (8/20) μ s (Core-Core)	350 A
Nominal discharge surge current I_n (8/20) μ s (Core-Earth)	350 A
Nominal discharge surge current I_n (8/20) μ s (Core-GND)	350 A
Total surge current (8/20) μ s	1.5 kA
Max. discharge surge current I_{max} (8/20) μ s maximum (Core-Earth)	350 A
Output voltage limitation at 1 kV/ μ s (Core-Core) spike	≤ 35 V
Output voltage limitation at 1 kV/ μ s (Core-Earth) spike	≤ 35 V

Output voltage limitation at 1 kV/μs (Core-Core) static	≤ 12 V
Output voltage limitation at 1 kV/μs (Core-Earth) static	≤ 12 V
Output voltage limitation at 1 kV/μs (Core-GND) static	≤ 12 V
Residual voltage at I _n (conductor-conductor)	≤ 30 V
Residual voltage at I _n (conductor-ground)	≤ 30 V
Residual voltage at I _n (conductor-GND)	≤ 30 V
Protection level U _p (Core-Core)	≤ 35 V
Protection level U _p (Core-Earth)	≤ 35 V
Response time t _A (Core-Core)	≤ 500 ns
Response time t _A (Core-Earth)	≤ 500 ns
	≤ 500 ns
Input attenuation a _E , sym.	0.1 dB (≤ 7 MHz)
	0.1 dB (≤ 8.5 MHz)
	0.1 dB (up to 2.5 MHz 600 Ohm Ω)
Cut-off frequency f _g (3 dB), sym. in 50 Ohm system	Typ. 100 MHz
Cut-off frequency f _g (3 dB), sym. in 150 Ohm system	> 100 MHz
Cut-off frequency f _g (3 dB), sym. in 600 Ohm system	Typ. 30 MHz
Capacity (Core-Core)	50 pF
Capacity (Core-GND)	50 pF
Capacity (Core-Earth)	50 pF
Surge carrying capacity in acc. with IEC 61643-21 (Core-Core)	C1 (500 V / 250 A)
Surge carrying capacity in acc. with IEC 61643-21 (Core-Earth)	C1 (500 A/250 A)
Connection data	
Type of connection	D-SUB-9
Connection type IN	D-SUB-9 socket
Connection type OUT	D-SUB-9 connector
Connection method	Remote bus output
Connection, protective circuit	
Standards/regulations	IEC 61643-21

Certificates / Approvals

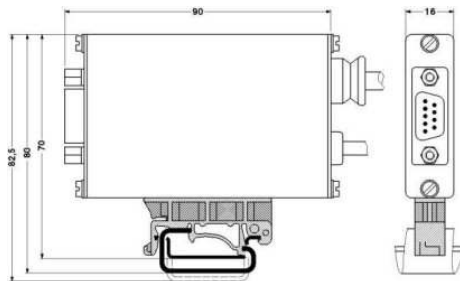


Certification

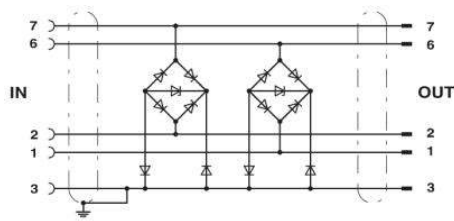
GOST

Diagrams/Drawings

Dimensioned drawing



Circuit diagram



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