


DT-TELE-RJ45

Order No.: 2882925



Attachment plug with surge protection for analog and digital telecommunications interfaces (up to 46 Mbps). Connection: RJ45 (RJ12/RJ11) and screw terminal block (COMBICON). Can alternatively be snapped onto DIN rails.



Commercial data	
EAN	4  046356 155137
Pack	1
Customs tariff	85369010
Gross weight in pieces	314.32 g
Country of Origin	DE
Catalog page information	Page 159 (TT-2011)

Product notes

WEEE/RoHS-compliant since: 01/12/2006



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Technical data	
General	
Housing material	Zinc die-cast
Color	silver/black
Standards for air and creepage distances	IEC 60664-1
	VDE 0110-1

Total surge current (8/20) μ s	10 kA
Ambient temperature (operation)	-40 °C ... 85 °C
Mounting type	Connection-specific attachment plug and DIN rail, 35 mm
Design	Attachment plug for DIN rail mounting
Number of positions	4
Degree of protection	IP20
Direction of action	Line-Line & Line-Ground/Shield
Width	25 mm
Height	103 mm
Depth	63 mm

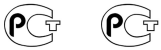
Protective circuit

IEC category	B2
	C1
	C2
	C3
	D1
VDE requirement class	B2
	C1
	C2
	C3
	D1
Maximum continuous operating voltage U_c	185 V DC
	130 V AC
Maximum continuous voltage U_C (wire-wire)	185 V DC
	130 V AC
Nominal current I_N	≤ 380 mA (25°C)
Operating effective current I_c at U_c	≤ 6 μ A
Ground conductor current I_{PE}	≤ 4 μ A
Nominal discharge surge current I_n (8/20) μ s (Core-Core)	≤ 5 kA
Nominal discharge surge current I_n (8/20) μ s (Core-Earth)	≤ 5 kA
Total surge current (8/20) μ s	10 kA
Nominal pulse current I_{an} (10/1000) μ s (Core-Core)	100 A

Nominal pulse current I_{an} (10/1000) μs (Core-Earth)	100 A
Nominal pulse current I_{an} (10/700) μs (Core-Core)	150 A
Nominal pulse current I_{an} (10/700) μs (Core-Earth)	150 A
Output voltage limitation at 1 kV/ μs (Core-Core) static	≤ 250 V
Output voltage limitation at 1 kV/ μs (Core-Earth) static	≤ 250 V
Residual voltage at $I_{n,}$ (conductor-conductor)	≤ 120 V
Residual voltage at $I_{n,}$ (conductor-ground)	≤ 120 V
Protection level U_p (Core-Core)	≤ 250 V (B2 - 100 A)
	≤ 250 V (C1 - 500 A)
	≤ 250 V (C2 - 5 kA)
Protection level U_p (Core-Earth)	≤ 250 V (B2 - 100 A)
	≤ 250 V (C1 - 500 A)
	≤ 250 V (C2 - 5 kA)
Response time t_A (Core-Core)	≤ 100 ns
Response time t_A (Core-Earth)	≤ 100 ns
Input attenuation a_E , sym.	Typ. 0.5 dB (≤ 5 MHz)
	Typ. 0.3 dB (≤ 8 MHz / 150 Ω)
	Typ. 0.3 dB (≤ 2.5 MHz / 600 Ω)
Cut-off frequency f_g (3 dB), sym. in 100 Ohm system	Typ. 50 MHz
Resistance in series	3.3 Ω 10 %
Surge carrying capacity in acc. with IEC 61643-21 (Core-Core)	C1 (1 kV / 500 A)
	C2 (10 kV/5 kA)
	B2 (4 kV / 100 A)
Surge carrying capacity in acc. with IEC 61643-21 (Core-Earth)	B2 (4 kV / 100 A)
	C1 (1 kV / 500 A)
	C2 (10 kV/5 kA)
	D1 (1 kA)
Connection data	
Connection method	RJ45 / Combicon

Connection type IN	RJ45 female connector
	MC 1,5/4
Connection type OUT	RJ45 female connector
	MC 1,5/4
Connection, equipotential bonding	
Connection method	Cable connection/DIN rail
Connection, protective circuit	
Standards/regulations	IEC 61643-21

Certificates



Certification

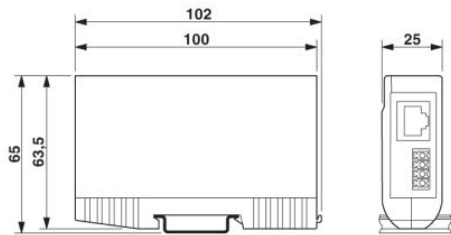
GOST

Certifications applied for:

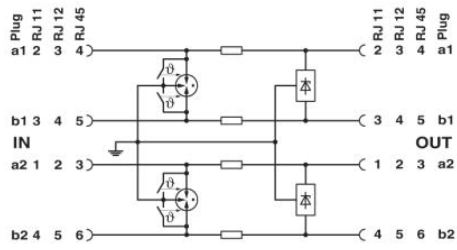
Certification Ex:

Drawings

Dimensioned drawing



Circuit diagram



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