

MNT-1 D

This product has been replaced by a newer version.

Order No.: 2818180



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2818180>

Attachment plug with surge protection for mains sockets, optical power and fault display. For country-specific use in: D, A, I, NL, S, E, N, FIN



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Commercial data

EAN	4017918161644
Pack	1 pcs.
Customs tariff	85363010
Weight/Piece	0.1129 KG
Catalog page information	Page 38 (TT-2005)

Technical data

Standards

Housing material	PA
Color	black
Degree of protection	IP40
Design	Attachment plug
Mounting type	Plugging into the mains socket
Ambient temperature (operation)	-20 °C ... 75 °C
For country-specific use in	D, A, I, NL, S, E, FIN, P
Direction of action	1L-N & N-PE

Width	63.00 mm
Height	75.50 mm
Length	79.00 mm

Protective circuit

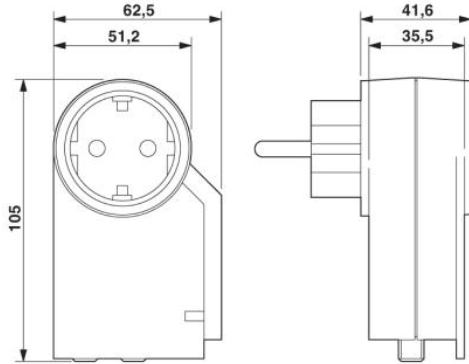
IEC category	III
EN type	T3
Nominal voltage U_N	230 V AC
Arrester rated voltage U_C (L-PE)	250 V AC
Nominal frequency f_N	50 Hz
	60 Hz
Nominal current I_N	16 A (30°C)
Operating effective current I_C at U_C	≤ 0.8 mA
Discharge current to PE at U_C	≤ 1 μ A
Nominal discharge surge current I_n (8/20) μ s (L-N)	1.5 kA
Nominal discharge surge current I_n (8/20) μ s (L-PE)	1.5 kA
Max. discharge surge current I_{max} (8/20) μ s	5 kA (total current)
100% lightning impulse sparkover voltage (1.2/50) μ s (L-PE)	≤ 1.1 kV
Combined surge U_{oc}	4 kV
Energy absorption symmetrical	80 J
Energy absorption, asymmetrical	40 J
Protection level U_p (L-N)	≤ 1 kV
Protection level U_p (L-PE)	≤ 1.5 kV
Protection level U_p (N-PE)	≤ 1.5 kV
Residual voltage at I_n , (L-N)	≤ 1.2 kV
Residual voltage at I_n , (L-PE)	≤ 900 V
Residual voltage at I_n , (N-PE)	≤ 900 V
Response time t_A (L-N)	≤ 25 ns
Response time t_A (L-PE)	≤ 100 ns
Max. required back-up fuse	16 A (gL)
Message surge protection faulty	Optical

Connection, protective circuit

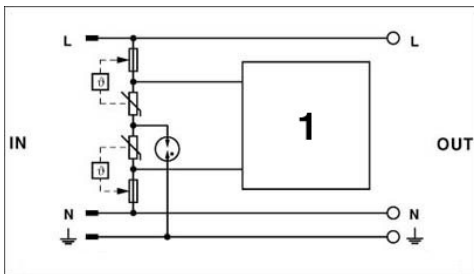
Standards/regulations	DIN VDE 0675-6
	IEC 61643-1

Drawings

Dimensioned drawing



Circuit diagram



1 = signaling
2 = optional

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