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Type 3 surge protection device - MNT-NET B/F - 2882226

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Attachment plug with surge protection for mains sockets, optical power and fault display.

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 073530

Technical data

Dimensions

Height	76 mm
Width	56 mm
Depth	79 mm

Ambient conditions

Ambient temperature (storage/transport)	-25 °C ... 75 °C
Ambient temperature (operation)	-25 °C ... 75 °C

General

Housing material	PA 6
Flammability rating according to UL 94	V-0
Color	jet black RAL 9005
Standards for clearances and creepage distances	EN 60664-1
	IEC 60664-1
	IEC 61643-1
	EN 61643-11
Type	Attachment plug
Mounting type	Plugging into the mains socket
For country-specific use in	B, F, CZ, SVK, PL
Direction of action	L(N)-PE

Protective circuit

IEC test classification	III
	T3

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Technical data

Protective circuit

EN type	T3
Nominal voltage U_N	230 V AC
Arrester rated voltage U_C (L-N)	275 V AC
Arrester rated voltage U_C (L-PE)	360 V AC
Arrester rated voltage U_C (N-PE)	360 V AC
Nominal frequency f_N	50 Hz (60 Hz)
Standby power consumption P_C	≤ 1 VA
Residual current I_{PE}	≤ 5 μ A
Nominal discharge current I_n (8/20) μ s	3 kA ($> 5x$)
Combination wave U_{OC}	4 kV
Energy absorption symmetrical	140 J (L-N)
Energy absorption, asymmetrical	220 J (L(N)-PE)
Voltage protection level U_p (L-N)	≤ 1.2 kV
Voltage protection level U_p (L-PE)	≤ 1.5 kV
Voltage protection level U_p (N-PE)	≤ 1.5 kV
Response time t_A (L-N)	≤ 25 ns
Response time t_A (L-PE)	≤ 100 ns
Response time t_A (N-PE)	≤ 100 ns
Max. required back-up fuse	16 A (gG / B / C)
Surge protection fault message	optical

Non-heating apparatus connection, power supply

Connection method	Grounding plug/socket
Connection type IN	Protective contact plug CEE7
Connection type OUT	Protective contact socket CEE7

Standards and Regulations

Standards/specifications	IEC 61643-11 2011
	EN 61643-11 2012

Classifications

eCl@ss

eCl@ss 4.0	27140201
eCl@ss 4.1	27130801
eCl@ss 5.0	27130801
eCl@ss 5.1	27130801
eCl@ss 6.0	27130806
eCl@ss 7.0	27130806
eCl@ss 8.0	27130806
eCl@ss 9.0	27130806

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Classifications

ETIM

ETIM 2.0	EC000942
ETIM 3.0	EC000942
ETIM 4.0	EC000942
ETIM 5.0	EC000942

UNSPSC

UNSPSC 6.01	30212010
UNSPSC 7.0901	39121610
UNSPSC 11	39121610
UNSPSC 12.01	39121610
UNSPSC 13.2	39121620

Approvals

Approvals

Approvals

EAC

Ex Approvals

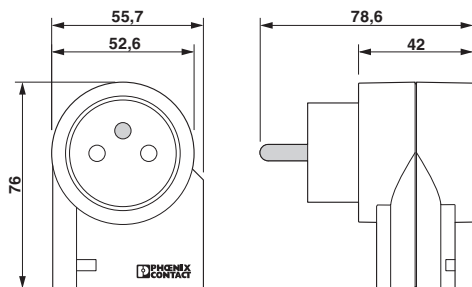
Approvals submitted

Approval details

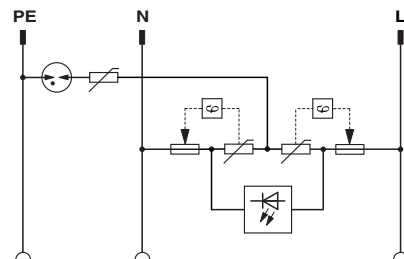
EAC

Drawings

Dimensional drawing



Circuit diagram



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