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Especialistas en Automatización

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## Type 3 surge protection device - MNT-1 D/WH - 2882213

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

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 073547

### Technical data

#### Dimensions

Height	76 mm
Width	56 mm
Depth	78 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	pure white RAL 9010
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	D, A, NL, E, S, FIN, TR
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 $P_C$	$\leq 1$ VA
Residual current $I_{PE}$	$\leq 5$ $\mu$ A
Nominal discharge current $I_n$ (8/20) $\mu$ 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)	$\leq 1.2$ kV
Voltage protection level $U_p$ (L-PE)	$\leq 1.5$ kV
Voltage protection level $U_p$ (N-PE)	$\leq 1.5$ kV
Response time $t_A$ (L-N)	$\leq 25$ ns
Response time $t_A$ (L-PE)	$\leq 100$ ns
Response time $t_A$ (N-PE)	$\leq 100$ 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	Grounding plug
Connection type OUT	Grounding socket

### 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

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### Approvals

### EAC

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### Ex Approvals

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### Approvals submitted

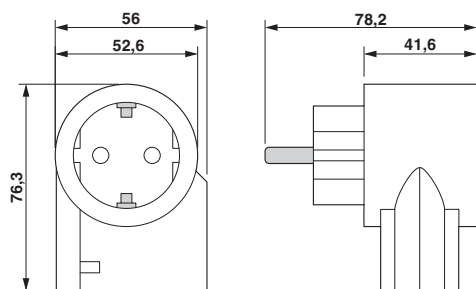
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### Approval details

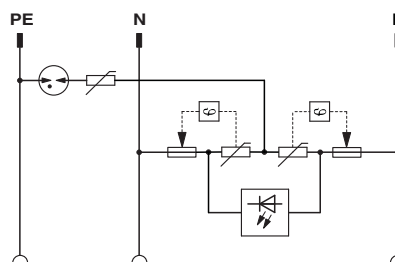
EAC
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## Drawings

Dimensional drawing

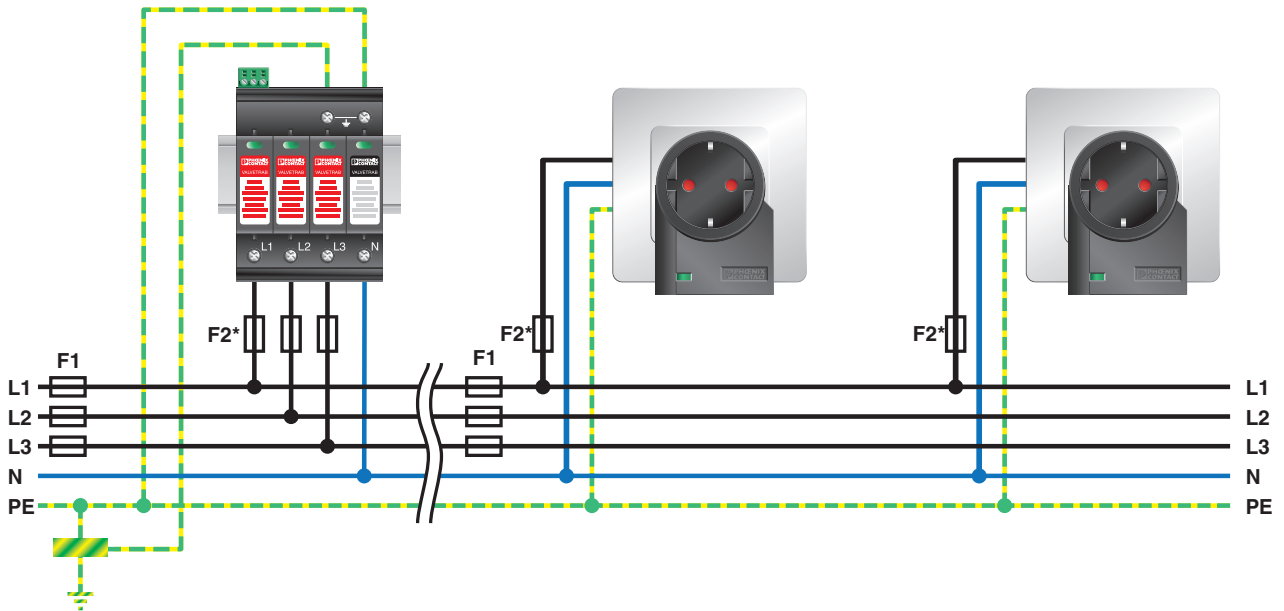


Circuit diagram



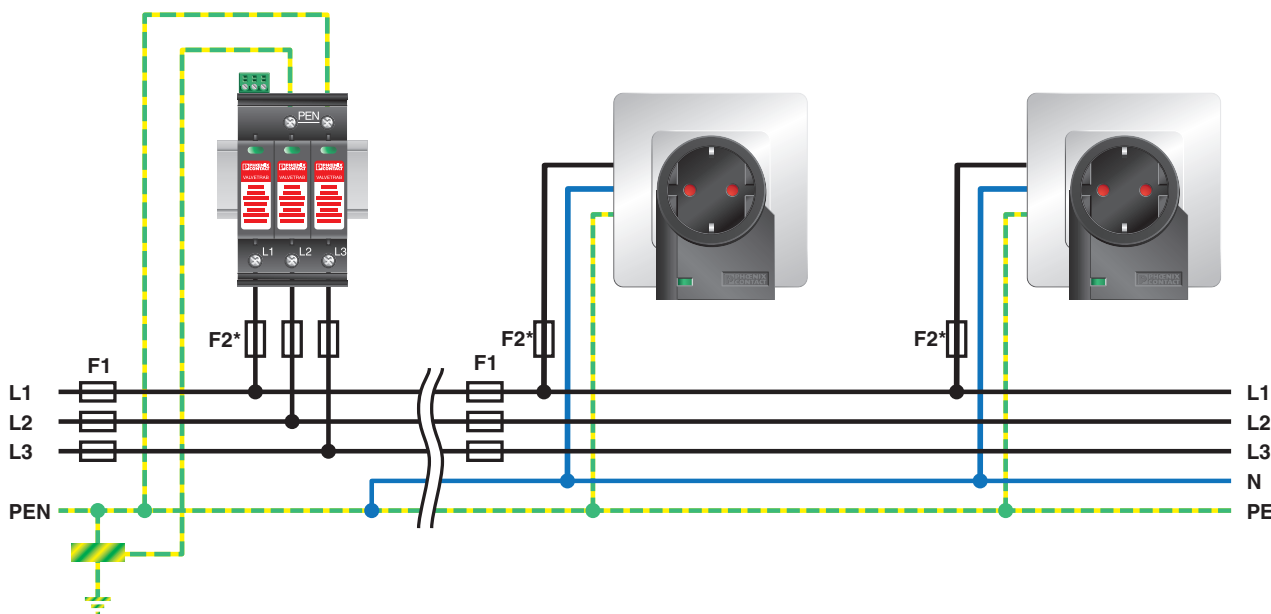
# Type 3 surge protection device - MNT-1 D/WH - 2882213

Application drawing



# Type 3 surge protection device - MNT-1 D/WH - 2882213

Application drawing



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Product	Code	Reference	Product link
Attachment connector with surge protection for mains sockets, mains control lamp, optical power and fault display. For country-specific use in: D, A, I, NL, S, N, FIN, E, P. Color: White	2882213	MNT-1 D/ WH	<a href="#">Buy on EAN</a>