



Automatización Eléctrica
Especialistas en Automatización

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Surge protection and interference filters

Surge protection for the power supply unit

Type 3 device protection MAINTRAB

- Attachment plug
- For individual termination devices
- With increased touch-proof protection
- Optical signaling of the surge voltage function via LED

Note: More information on other versions of MNT attachment plugs with combined protection for the power supply unit and the interfaces of data/information technology can be found starting on page 126.

MNT-POWERLINE

- For Powerline transmission systems
- With adapted protective circuit
- Optimized attenuation behavior
- Optical signaling of the surge voltage function via LED

Notes:

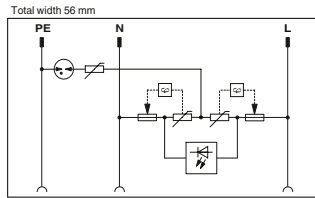
For certifications, see page 154



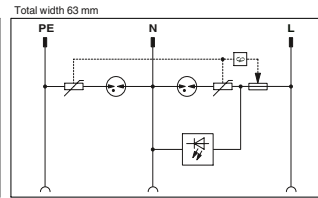
Attachment plug



Attachment plug for Powerline transmission



Technical data	
IEC category / EN type	III / T3
Nominal voltage U_N	230 V AC
Maximum continuous operating voltage U_c	275 V AC / 360 V AC
Nominal load current I_N	16 A (30 °C)
Nominal discharge surge current I_s (8/20) μ s	3 kA / 3 kA
Combined surge U_{oc}	4 kV
Protection level U_p	≤ 1.2 kV / ≤ 1.5 kV / ≤ 1.5 kV
Response time t_A	≤ 25 ns / ≤ 100 ns
Dimensions W / H / D	56 mm / 76.3 mm / 78.2 mm
Temperature range	-25 °C ... 75 °C
Inflammability class in acc. with UL 94	V0/HB
Test standards	EN 61643-11/A11 / IEC 61643-1 / VDE 0620-1 / SEK SS 428 08 34 / IEC 60884-11 / NEK-HD 195 S6



Technical data	
IEC category / EN type	III / T3
Nominal voltage U_N	230 V AC
Maximum continuous operating voltage U_c	260 V AC / 260 V AC
Nominal load current I_N	16 A (30 °C)
Nominal discharge surge current I_s (8/20) μ s	3 kA / 3 kA
Combined surge U_{oc}	6 kV
Protection level U_p	≤ 1.1 kV / ≤ 1.5 kV / ≤ 1.5 kV
Response time t_A	≤ 25 ns / ≤ 100 ns
Dimensions W / H / D	63 mm / 79 mm / 103.5 mm
Temperature range	-25 °C ... 75 °C
Inflammability class in acc. with UL 94	V0/HB
Test standards	EN 61643-11/A11 / IEC 61643-1 / VDE 0620-1 / IEC 60884-11 / DIN VDE 0620-1

Ordering data			
Type	Order No.	Pcs. / Pkt.	
MNT-1 D	2882200	1	
MNT-1 D/WH	2882213	1	
MNT-NET B/F	2882226	1	
MNT-1 E	2882239	1	
MNT-1 S/WH	2880862	1	
MNT-1 CH II	2882255	1	

Ordering data			
Type	Order No.	Pcs. / Pkt.	
MNT-POWERLINE	2858001	1	

Description	For country-specific use in	Type	Order No.	Pcs. / Pkt.
MAINTRAB, attachment plug with signal lamp for plugging into a socket, for device protection	D, A, NL	MNT-1 D	2882200	1
	D, A, NL	MNT-1 D/WH	2882213	1
	B, F, CZ, SVK, PL	MNT-NET B/F	2882226	1
	E, P	MNT-1 E	2882239	1
	S, FIN, N	MNT-1 S/WH	2880862	1
	CH	MNT-1 CH II	2882255	1
MAINTRAB-POWERLINE, attachment plug with signal lamp for use in Powerline transmission systems	D, A, NL, E, P	MNT-POWERLINE	2858001	1

Surge protection and interference filters

Surge protection for the power supply unit

TRABTECH wiring bridges

- For combinations of lightning and surge arresters
- In combination with other devices in the installation distributor, such as residual current circuit breakers and miniature circuit breakers
- Practical wiring of all common applications
- Single, three or four-phase versions with various numbers of positions
- The rated cross section of the MPB bridge metals is 16 mm² per phase
- End covers are used to terminate and insulate individually cut bridges



Ordering data				
Description	Nominal current I_N	Type	Order No.	Pcs. / Pkt.
Wiring bridge, for modules with 17.5 mm connecting pitch,				
1-phase				
2-pos.	100 A	MPB 18/1- 2	2809209	10
3-pos.	100 A	MPB 18/1- 3	2809212	10
4-pos.	100 A	MPB 18/1- 4	2809225	10
5-pos.	100 A	MPB 18/1- 5	2817864	10
6-pos.	100 A	MPB 18/1- 6	2748564	10
7-pos.	100 A	MPB 18/1- 7 BU	2856278	10
8-pos.	100 A	MPB 18/1- 8 BU	2858470	10
8-pos.	100 A	MPB 18/1- 8	2748577	10
9-pos.	100 A	MPB 18/1- 9	2748580	10
12-pos.	100 A	MPB 18/1-12	2748593	10
57-pos.	100 A	MPB 18/1-57	2809238	1
Wiring bridge, for modules with 17.5 mm connecting pitch,				
3-phase				
6-pos.	80 A	MPB 18/3- 6	2809241	10
9-pos.	80 A	MPB 18/3- 9	2809254	10
Wiring bridge, for modules with 17.5 mm connecting pitch,				
4-phase				
8-pos.	80 A	MPB 18/4- 8	2809283	10
12-pos.	80 A	MPB 18/4-12	2809296	10
Wiring bridge, flexible, diameter 16 mm²,				
fork-type cable lug on one side				
200 mm	100 A (30 °C)	MPB F200X16/ 1GS	2818339	1
400 mm	100 A (30 °C)	MPB F400X16/ 1GS	2818342	1
600 mm	100 A (30 °C)	MPB F600X16/ 1GS	2818355	1

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Product	Code	Reference	Product link
Wiring bridge for modules with connecting pitch 17.5 mm, 3-phase, 9-pos.	2809254	MPB 18/3- 9	Buy on EAN
Wiring bridge for modules with connecting pitch 17.5 mm, 4-phase, 12-pos.	2809296	MPB 18/4-12	Buy on EAN
Surge protection for modems in data transmission systems, such as POWERLINE and HomePlug, socket attachment plug (German-style grounding connector in acc. with VDE) for use in: D, A, I, NL, S, E, N, FIN.	2858001	MNT-POWERLINE	Buy on EAN
Attachment plug with surge protection for mains sockets, optical power and fault display.	2880862	MNT-1 S/WH	Buy on EAN
Attachment plug with surge protection for mains sockets, optical power and fault display.	2882239	MNT-1 E	Buy on EAN