

### MCR-PLUGTRAB PT, for higher signal voltages

- Protective devices for higher nominal power
- Consistent plug-in signal circuit protection
- Maximum ease of maintenance thanks to the two-piece design
- Base element remains an integral part of the installation
- Impedance-neutral disconnection of plug for test and maintenance purposes
- Plugs can be checked with CHECKMASTER
- FM types with permanent and independent monitoring by a diagnostics unit

**Notes:**  
If no protective plug is inserted, there is no electrical connection.

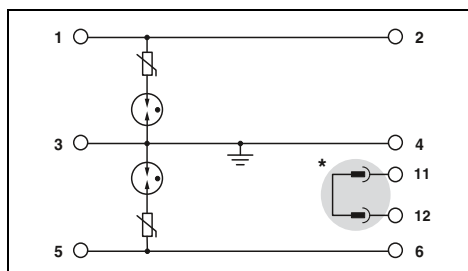


2-wire, floating, free of leakage current, e.g., for actuator circuits

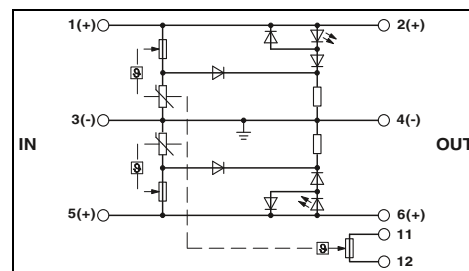


2-wire, with common reference potential, remote signaling, e.g., for actuator circuits

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ERC



#### Technical data

Electrical data	... 120AC	... 230AC
IEC test classification/EN type	C1 / C2 / C3	C1 / C2 / C3 / D1
Maximum continuous operating voltage $U_c$	- / 175 V AC	- / 250 V AC
Impulse discharge curr. $I_{imp}$ (10/350) $\mu$ s	300 A	500 A
Nominal current $I_N$	6 A	6 A
Nominal discharge current $I_n$ (8/20) $\mu$ s	3 kA	3 kA
Total surge current (8/20) $\mu$ s	8 kA	8 kA
Output voltage limitation at 1 kV/ $\mu$ s	$\leq$ 800 V	$\leq$ 1.4 kV

General data	
Dimensions W / H / D	17.7 mm / 90 mm / 65.5 mm
Connection data solid / stranded / AWG	0.2 ... 4 mm <sup>2</sup> / 0.2 ... 2.5 mm <sup>2</sup> / 24 - 12
Temperature range	-40°C ... 80°C
Degree of protection in acc. with IEC 60529/EN 60529	IP20
Inflammability class in acc. with UL 94	V0
Test standards	EN 61643-21

#### Technical data

... 60AC	... 120AC	... 230AC
C1 / C2 / C3 / D1	C1 / C2 / C3 / D1	C1 / C2 / C3 / D1
500 A	500 A	500 A
26 A AC (30°C)	26 A AC (30°C)	26 A AC (30°C)
2 kA	2.5 kA	2.5 kA
4 kA	5 kA	5 kA

General data	
Dimensions W / H / D	17.7 mm / 90 mm / 65.5 mm
Connection data solid / stranded / AWG	0.2 ... 4 mm <sup>2</sup> / 0.2 ... 2.5 mm <sup>2</sup> / 24 - 12
Temperature range	-40°C ... 85°C
Degree of protection in acc. with IEC 60529/EN 60529	IP20
Inflammability class in acc. with UL 94	V0
Test standards	IEC 61643-21/A2 / EN 61643-21/A2

#### Ordering data

Description	Voltage $U_N$
<b>MAINS-PLUGTRAB</b> , consisting of a plug and a base element	120 V AC 230 V AC
<b>PLUGTRAB plug</b> , with protective circuit for plugging into PT base element	60 V AC 120 V AC 230 V AC
<b>PLUGTRAB base element</b> , for mounting on NS 35	

Type	Order No.	Pcs. / Pkt.
PT 2X1-VF-120AC	2859327	10
PT 2X1-VF-230AC	2805460	10
PT 2X1-VF-120AC-ST	2856799	10
PT 2X1-VF-230AC-ST	2921365	10
PT-BE/FM	2839282	10

#### Ordering data

Type	Order No.	Pcs. / Pkt.
PT 2X1VA- 60AC-ST	2839172	10
PT 2X1VA-120AC-ST	2839185	10
PT 2X1VA-230AC-ST	2839198	10
PT-BE/FM	2839282	10

#### Accessories

<b>Shield fast connection</b>
For $\varnothing$ 3-6 mm
For $\varnothing$ 5-10 mm

SSA 3-6	2839295	10
SSA 5-10	2839512	10

#### Accessories

SSA 3-6	2839295	10
SSA 5-10	2839512	10