

Ground Straps / Flat Ground Straps

The flat ground straps/flat strip ground electrodes are ideal for use in control cabinet manufacture.



Application range

Control cabinet manufacturing

The protective earth safety measure is prescribed by standard

Fixed and moving metal parts, such as doors in switch cabinet construction, must be earthed

Product features

Fixed lengths for M6 and M8 screws

Norm references / Approvals

UL File number: E501239, see table

Product Make-up

Ground straps:

- Strands of bare copper wires
- PVC-based core insulation
- Assembled with ring cable lugs

Pressure-welded flat ground straps:

- Strand made of tinned-copper wires
- Welded ends

Flat ground straps with sleeves:

- Strands made of tinned-copper wires
- Assembled with pressed contact sleeves

Technical Data

Classification ETIM 5:

ETIM 5.0 Class-ID: EC000490

ETIM 5.0 Class-Description: Accessories for earthing and lightning

Classification ETIM 6:

ETIM 6.0 Class-ID: EC000490

ETIM 6.0 Class-Description: Accessories for earthing and lightning

Core identification code:

Assembled ground straps
Green/Yellow

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PN 0456 / 02_03.16

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Conductor stranding:	Assembled ground straps IEC 60 228 Class 6 Assembled flat ground straps IEC 60 228 Class 6, tin-plated Extra-fine wire
Minimum bending radius:	Assembled ground straps 7 x outer diameter Assembled flat ground straps 2 x thickness of the strap
Test voltage:	Assembled ground straps 2500 V
Temperature range:	Assembled ground straps -30°C to +70°C Assembled flat ground straps -5°C to +70°C

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Details of the clamping force are available upon request, halogen-free.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

Ground Straps / Flat Ground Straps

Article number	Article designation	UL certification	Cross-section (mm ²)	For	Length (mm)	Thickness (mm) +- 0,5 mm	Copper index kg/1.000 pieces	PU
Ground straps								
4571120	Ground strap 1 x 4/M6/170 mm GN/YE	no	4	M6	170	-	6.5	25
4571123	Ground strap 1x4/M8/300mm GN/YE	no	4	M8	300	-	11.4	25
4571121	Ground straps 1x16/M6/170mm GN/YE	no	16	M6	170	-	26.2	25
4571198	Ground strap 1x16/M6/500mm GN/YE	no	16	M6	500	-	76.8	25
4571124	Ground strap 1x16/M8/300mm GN/YE	no	16	M8	300	-	46.2	25
4571122	Ground strap 1x25/M6/170mm GN/YE	no	25	M6	170	-	40.8	25
4571125	Ground strap 1x25/M8/300mm GN/YE	no	25	M8	300	-	72	25
Pressure-welded flat ground straps								
4571132	Flat ground strap/press. 1X10/M6/200mm	no	10	M6	200	1	18	25
4571135	Flat ground strap/press. 1x10/M6/300mm	no	10	M6	300	1	27	25
70399965	Flat ground strap/press. 1X16/M6/200mm	no	16	M6	200	1.5	30.72	25
70399966	Flat ground strap/press. 1X16/M6/300mm	no	16	M6	300	1.5	46.08	25
4571133	Flat ground strap/press. 1x16/M8/200mm	no	16	M8	200	1.5	29	25
4571136	Flat ground strap/press. 1x16/M8/300mm	no	16	M8	300	1.5	43.5	25

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4571134	Flat ground strap/press. 1X25/M8/200mm	no	25	M8	200	1.5	45	25
4571137	Flat ground strap/press. 1x25/M8/300mm	no	25	M8	300	1.5	71.11	25
70399969	Flat ground strap/press. 1X25/M8/500mm	no	25	M8	500	1.5	120	25
4571196	Flat ground strap/terminals 1x6/M6/200mm	yes	6	M6	200	2	15	25
4571197	Flat ground strap/terminals 1x6/M6/300mm	yes	6	M6	300	2	20	25
4571126	Flat ground straps/terminals 1x10/M6/200mm	yes	10	M6	200	2.5	25	25
4571129	Flat ground strap/terminals 1x10/M6/300mm	yes	10	M6	300	2.5	32	25
4571127	Flat ground strap/terminals 1x16/M8/200mm	yes	16	M8	200	3	35	25
4571130	Flat ground strap/terminals 1x16/M8/300mm	yes	16	M8	300	3	51	25
4571128	Flat ground strap/terminals 1x25/M8/200mm	yes	25	M8	200	3.5	55	25
4571131	Flat ground strap/terminals 1x25/M8/300mm	yes	25	M8	300	3.5	80	25

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