

## 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

### 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

Last Update (21.12.2023)

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You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## Ground Straps / Flat Ground Straps

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 <sup>2</sup> )	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