

Earthing Poles

Earthing poles are used for connecting earthing and short-circuiting devices. To do this, the line clamps are brought up to the connection point on the dead conductor.

Technical description:

- Line clamps held by spindle and cross-pin
- A receiving head with roller locking device allows the earthing pole to be easily attached/detached from the line clamp
- Earthing poles made of glass-fibre reinforced polyester tube, coloured yellow
- Black mark indicates the required insulation gap
- End cap made of non-slip rubber

Earthing Poles

Single-piece earthing poles.



No.	Pole length	Diameter of insulating element
	(mm)	d (mm)
364 153 153	1038	33
364 153 154	1538	33
364 153 155	2038	33
364 156 156	2538	43
364 156 157	3038	43
364 156 158	3538	43

Telescopic Earthing Poles

Telescopic earthing poles.



No.	Pole length extended	Transporting length	Diameter of insulating element
	L (mm)	L _r (mm)	d (mm)
364 169 169	1565	890	43
364 169 170	2030	1155	43
364 169 171	2464	1390	43
364 169 172	2905	1540	43
364 169 173	3405	1790	43
364 169 174	3905	2040	43
364 169 175	4415	2540	43
364 169 597	5917	4040	43



WWW.CABLEJOINTS.CO.UK
THORNE & DERRICK UK
 TEL 0044 191 490 1547 FAX 0044 477 5371
 TEL 0044 117 977 4647 FAX 0044 977 5582
WWW.THORNEANDDERRICK.CO.UK

Earthing Poles with Line Clamp P1

Single-piece earthing poles with fixed line clamp P1.

The one-piece design allows earth fittings to be attached/detached easily, even in places that are difficult to access. The yellow earthing poles also clearly mark the work location.

No.	Pole length (mm)	Diameter of insulating element d (mm)
364 115 001	1500	33



Earthing Poles with Line Clamp P7

Single-piece earthing poles with fixed line clamp P7.

The one-piece design allows earth fittings to be attached/detached easily, even in places that are difficult to access. The yellow earthing poles also clearly mark the work location.

No.	Pole length (mm)	Diameter of insulating element d (mm)
364 212 001	2500	43



Telescopic Earthing Poles with Line Clamp P9

Earthing poles, telescopic type, with fixed parallel line clamp P9.

This design allows earth fittings to be attached/detached easily, even in places that are difficult to access. The yellow earthing poles also clearly mark the work location.

No.	Pole length extended	Transporting length	Diameter of insulating element d (mm)
	L (mm)	L _T (mm)	
364 084 084	2185	1470	43
364 084 086	3050	1845	43
364 084 087	3540	2095	43
364 084 001	4040	2345	43
364 084 089	4560	2845	43
364 084 002	6065	4190	43





Telescopic Earthing Poles with Line Clamp P8

Earthing poles, telescopic type, with fixed HV line clamp P8.

This design allows earth fittings to be attached/detached easily, even in places that are difficult to access. The yellow earthing poles also clearly mark the work location.

No.	Pole length extended	Transporting length	Diameter of insulating element
	L (mm)	L _T (mm)	d (mm)
364 112 114	3050	1700	43
364 112 115	3540	1950	43
364 112 116	3950	2200	43
364 112 003	4460	2700	43
364 112 004	6650	3685	43

Two-piece Earthing Poles with Phase Fixed Point

This **two-piece earthing pole with downward aluminium phase fixed point** makes it easier to attach earthing and short-circuiting devices at high working positions on outdoor switchgear.

This two-piece earthing pole is attached to the phase fixed point, tube or wire, and then tightened. The earthing pole remains attached throughout the whole earthing process. A single-pole earthing and short-circuiting device with separate earthing pole can then be attached to the downward phase fixed point on the two-piece earthing pole.

Technical description:

- The earthing and short-circuiting device can be used for short-circuit currents up to 29.5 kA / 1 s (wire cross-section 150 mm²)
- Working heights up to 9 m possible
- Easy handling thanks to shorter ground wire
- Shorter, weight-saving ground wire
- The earthed working location is very clearly marked by the attached earthing pole
- Aluminium downward fixed phase point
- Suitable earthing poles:
 - 364 112 115 (with line clamp P8)
 - 364 169 173 (without line clamp)
- Diameter of insulating part: 43 mm

Earthing device to connect phase fixed point to ground potential need to be ordered separately.

No.	Version	Total length L _e (mm)	Carrying length (mm)	Line clamp	
364 116 000	0001	4500	3107	P7	1
364 116 000	0002	5000	3107	P7	1
364 116 000	0003	5500	3107	P7	1
364 116 000	0004	6000	3107	P7	1
364 116 000	0005	6500	3494	P7	1
364 116 000	0006	7000	3494	P7	1
364 116 000	0007	7500	4494	P7	1
364 116 000	0008	8000	4494	P7	1
364 116 000	0010	4500	3107	P8	2
364 116 000	0011	5000	3107	P8	2
364 116 000	0012	5500	3107	P8	2
364 116 000	0013	6000	3107	P8	2
364 116 000	0014	6500	3501	P8	2
364 116 000	0015	7000	4001	P8	2
364 116 000	0016	7500	4501	P8	2
364 116 000	0017	8000	5001	P8	2





Earthing Poles for Railway Systems

Earthing poles for railway systems are used for connecting railway grounding devices. To do this, the earthing terminals are brought up to the contact wire. These earthing poles are marked with red stripes on a white background. This allows optimum identification of the work location.

Technical description:

- Contact wire earthing terminals held by spindle and cross-pin
- A receiving head with roller locking device allows the earthing pole to be easily attached/detached from the contact wire earthing terminal
- Robust construction for use in railway applications

Telescopic Earthing Poles, two-piece

Earthing poles for railway systems, in two-piece design. These earthing poles are used mainly for transformers and railway power lines. They are continuously adjustable.



No.	Length range (m)	Pole length extended L (mm)	Transporting length L _T (mm)	Insulating length L _I (mm)	Weight (kg)	DB no.	DB drawing number
362 744 001	1,8 - 3,0	3500	1800	500	3.8	00157507	3 Ebgw 01.17
362 744 744	2,6 - 5,0	5000	2600	500	3.8	00157497	3 Ebgw 01.12

Telescopic Earthing Poles, three-piece

Earthing poles for railway systems, in three-piece design. The top area of the earthing pole is continuously adjustable.

The connection between the earthing pole and the contact wire earthing terminal can be fixed using a slider. The earthing pole can thus be used to mark the work location.



No.	Length range (m)	Pole length extended L (mm)	Transporting length L _T (mm)	Insulating length L _I (mm)	Weight (kg)
362 745 745	2,0 - 5,0	5080	2000	500	5.2
362 745 002	3,2 - 7,0	7000	3200	500	5.2

Earthing Poles, five-piece

Earthing pole for railway systems in five-piece design. Because of the short carrying length, this type is suitable for transport in all common passenger vehicle types. The connection between the earthing pole and the contact wire earthing terminal can be fixed using a slider. The earthing pole can thus be used to mark the work location.

No.	Length range (m)	Pole length L (mm)	Transporting length L _T (mm)	Insulating length L _I (mm)	DB no.	DB drawing number
364 784 001	4,9	4892	1100	500	00157498	3 Ebgw 01.22

