



WORK AT HEIGHT: INSULATING LADDERS



THORNE &
DERRICK
INTERNATIONAL

Thorne & Derrick

+44 (0) 191 410 4292

www.powerandcables.com

SECURITY INSULATING LADDERS

Work on or near electrical installation up to 1 000 V AC or 1 500 V DC.

NF 930-03/01/01-29 L.N.E / N-131 compliant.

A complete range with high specifications:

- Nominal insulation between 2 ring after immersion in water: 10 000 V (EN 50528).
- High mechanical resistance to bending and torsion.
- Good strength / weight ratio.
- Marking of information for use.
- High resistance to weather, corrosive elements and fire.
- Maximum working load 150 daN.



INSULATING LADDERS

Come with right horizontal stabilizer.

Single section ladders

Reference	 (m)	Numbers of rungs	
	Height		Weight
MP-602-D	2.41	8	6
MP-603-D	2.97	10	9
MP-604-D	4.09	14	10
MP-605-D	4.93	17	12

Two section extension ladders

Reference	 (m)	 (m)	
	Folded	Extended	Weight
MP-624/2-D	2.41	4.09	14.9
MP-634/2-D	2.70	4.65	17

Optional accessories:

Cradle support post and front wheel MP-46503.

BENEFITS

- For LV live working.
- Lateral stiles risers in polyester/ glass fiber rectangular cross section 70 x 25 mm. Aluminium alloy rungs with square cross section.
- 29 x 29 mm ring with anti-slip coating.



Tested 30 000 V / 1 minute 
EN 50528



INSULATING SLIDE LADDERS

Approval EDF/SPS N° B 216 - 0 - 635.

2 section extension ladders, hand operated

Reference	↔ (m)	↔ (m)	Number of rungs	kg
	Folded	Extended		Weight
MP-514/2	2.41	4.09	2 x 8	13.9
MP-515/2R	2.97	5.21	2 x 10	17

Ladders come with cradle, strap and front wheels.

3 section extension ladders, rope and pulley operated

Reference	↔ (m)	↔ (m)	Number of rungs	kg
	Folded	Extended		Weight
MP-506/2	3.53	6.05	2 x 12	22.9
MP-508/2	4.66	8.30	2 x 16	35.4
MP-509/2	5.22	9.14	2 x 18	39.3
MP-510/2	5.78	10.26	2 x 20	43

Ladders come with cradle, strap and front wheels.

BENEFITS

- For live working LV.
- Lateral stiles risers in polyester/ glass fiber rectangular cross section 70 x 25 mm. Aluminium alloy rungs with square.
- Wheels + cradle.
- 29 x 29 mm cross section anti-slip coating.



EN 50528



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STANDARD EXTENSION LADDERS

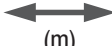
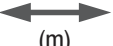
Ladders for electrical work at height. Maximum load: 150 daN. Anti-slip aluminum rungs.

NF EN 131-1

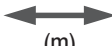
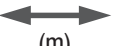
NF EN 131-2

NF EN 131-3

Two section extension ladders, rope and pulley operated

Reference	 (m)	 (m)	Number of rungs	 Weight
	Folded	Extended		Weight
MP-607/2-I	4.66	8.02	2 x 16	30.2
MP-608/2-I	5.22	9.14	2 x 18	34.4
MP-609/2-I	5.78	9.98	2 x 20	37.8
Ladders delivered with front wheels				

Two section extension ladders, rope and pulley operated

Reference	 (m)	 (m)	Number of rungs	 Weight
	Folded	Extended		Weight
MP-607/3-I	2.98	6.89	3 x 10	24.6
MP-608/3-I	3.82	8.86	3 x 13	34.6
Ladders delivered with front wheels				

Optional accessories:

Cradle with straps.

BENEFITS

- Upper element lateral stiles risers in polyester/ glass fiber.
- Lower element in aluminium alloy.
- Insulation polyamide pads.



MP-607/2-I

MP-608/3-I



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LADDER STABILIZING COMPENSATOR

Compensates for differences in height between the two ladder stiles.

Reference	 (mm)	 (mm)	Spacing (cm)	For ladders	 Weight
	Maximum correction	Length			Weight
MP-46500	30	50 to 70	39 to 44	MP-602-D • MP-603-D MP-604-D • MP-605-D MP-506/2 • MP-514/2 MP-515/2	4.4
MP-46501	35	75 to 95	42 to 47	MP-508/2 • MP-509/2 MP-510/2	4.7



BENEFITS

- Safe setting lever with lock and unlock positions.

INSULATING STEPLADDERS

Compact stepladders with insulating stiles of reinforced polyester fiberglass with light alloy steps to work at height. Insulation between two steps: 30 000 V. Maximum load: 150 daN. Anti-pinch finger hinges.

Reference	Nbr of steps	Height Access (m)	Height folded (m)	Height lower step (m)	Spacing open (m)	
						Weight
MP-700-4	3	2.58	1.39	0.68	0.75	5.9
MP-700-1	4	2.81	1.64	0.91	0.91	6.9
MP-700-2	5	3.04	1.89	1.14	1.07	8
MP-700-3	6	3.27	2.14	1.37	1.24	9.4
MP-700-5	7	3.50	2.39	1.60	1.40	11

Optional accessories:

Replacement kit anti slip pads MP 700-100.

Replacement Kit toolholders MP 700-200.

BENEFITS

- Railing fitted with a toolholder (height 600 mm).
- Slimline 8.8 cm.
- Wide stiles uprights.

EN 131



MP-700-2



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ACCESSORIES FOR INSULATING STEPLADDERS

Reference	 (mm)	
	Dimensions	Weight
MP 700-100	150 x 150 x 60	0.1
MP 700-200	280 x 150 x 100	0.2

PRO



MP 700-200

FOLDING STEPLADDER WITH SECURED RAILING

Reference	Nbr of steps	Height Access (m)	Height folded (m)	Height lower step (m)	
					Weight
MP-700-I1	3	2.7	2.07	0.7	22
MP-700-I2	4	2.95	2.3	0.95	29
MP-700-I3	5	3.2	2.55	1.17	31

EXPERT

PIRL NFP 93353

EN 50528

BENEFITS

- Nominal insulation between 2 rings: 10,000 V AC (EN 50528).
- Safe railing.
- Tool holder shelf.
- Casters for easy movement.





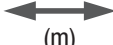
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STACKABLE LADDER ELEMENTS

Metallic elements: NF C 18-430. Stiles upright duralinox. Insulation elements: IEC-61478 Class I. Glass-epoxy – non-slip bars, Orange color. Suitable for LV-MV live working.

Reference	Element type	 (m)	Nbr steps	 Weight
MP-402-MB	Metallic base *	2.10	7	5.4
MP-403-MB		3	10	7.6
MP-402-MI	Metallic intermediate.	2.10	7	4.8
MP-403-MI		3	10	7
MP-501-D	Insulating upper element LV/MV	1.20	4	3.3
MP-502-D		2.10	7	5.8
MP-503-D		3	10	8.3

*Telescopic Feet.

Accessories - Spare parts

Reference	Characteristics
MP-400	Set of 2 straps without screws
MP-400-2	Cradle spare

BENEFITS

- Safe assembly with the aluminum connectors.
- Cradles with straps on each element.

TELESCOPIC MEASURING STICKS

Measuring sticks for the height of overhead conductor. Live-line measurements may be performed according to UTE 18-510 recommendations.

Reference	Characteristics
MO-831	Model LV-MV - EDF SPS Approval 18-132 A Max. 11 m - Length folded 1.5 m Usable on a 50 kV network - 3.3 kg
MO-832	Model HV - Max. 12 m Used on LV, MV and HV systems up to 220 kV Identical to other MO-831 features 2 live line elements
M-95-236	Gauge (diameter 3-20 mm)

BENEFITS

- 8 telescopic sections of insulating polyester fiber glass reinforced and operated by a push-button mechanism
- Upper portion made of IEC 60855 orange reinforced synthetic tube.
- Direct reading at the top of the 1st section of the stick, from 2.65 to 11 or 12 m. Graduation in m, dm and cm.

