

Outdoor Distribution boxes

The Outdoor Distribution boxes 20, 50 and 100 pairs serve as a connection and branching box for outdoor use. They accommodate LSA-PLUS® Series 2 backmount frame modules, with or without overvoltage protection.

The Outdoor Distribution Box up to 200 Pairs is designed to serve not only as a terminating distribution box but also as a connection and branching box both for outdoor use. It can accommodate LSA-PLUS® series 2 connection, disconnection or switching modules, with or without overvoltage protection.

Features and benefits

- Housing with hinged cover
 - Opening approximately 110° for 20, 50 and 100 pairs Outdoor box
 - Opening approximately 180° for 200 pairs Outdoor box
- Space for owner's label on the cover (approximately 24 mm x 100 mm)
- Space for additional label on the cover
- Backmount frame from 2 up to 20 pcs LSA-PLUS® 10-pair modules
- Earth wire up to Ø 4 mm (for 20 and 50 pair) or Ø 2,5 mm² (for 100 and 200 pair) possible
- Sheath grounding clamp
- Locking optional: plumbing or locking

Specifications

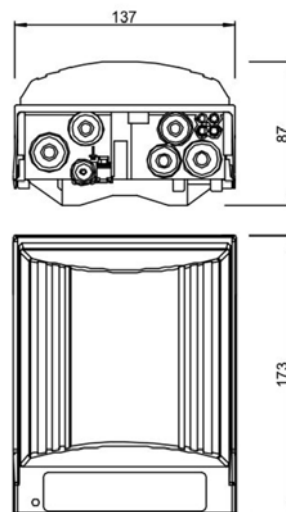
Design and configurations

Product description	Size (mm) Height x depth x width	Cable entry	Space for additional label on cover	Number of modules
Outdoor Distribution box 20 pairs	H173 x D87 x W137	2 for cable up to Ø 15 mm 3 for cable up to Ø 2 mm 1 for cable up to Ø 9 mm (for earth connection)	65x100mm	2x LSA- PLUS® 10-pair modules
Outdoor Distribution box 50 pairs	H210 x D108 x W191	1 for cable up to Ø 23 mm 2 for cable up to Ø 32 mm 4 for cable up to Ø 14, 7 mm 1 for cable up to Ø 9 mm (for earth connection)	125x100mm	5x LSA- PLUS® 10-pair modules
Outdoor Distribution box 100 pairs	H390 x D124 x W223	3 for cable up to Ø 32 mm 4 for cable up to Ø 23 mm 1 for cable up to Ø 9 mm (for earth connection)	300x110mm	10x LSA- PLUS® 10-pair modules

Outdoor Distribution box 200 pairs	H238 x D125 x W640	2 for cable up to Ø35 mm (Pg 36) 1 for cable up to Ø 23 mm 3 for cable up to Ø 18 mm 4 for cable up to Ø 13 mm 1 for cable up to Ø 7 mm (for earth connection)		20x LSA- PLUS® 10-pair modules
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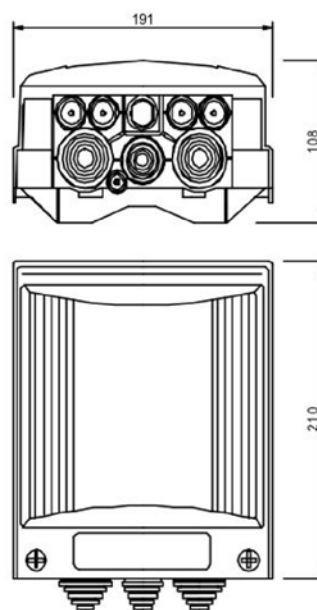
Outdoor Distribution box – 20 pairs
(shown with IDC modules, ordered separately)



Dimensions, in mm



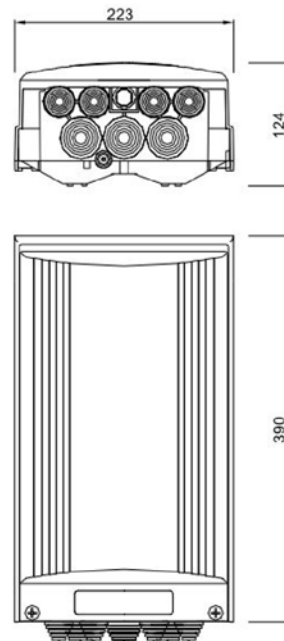
Outdoor Distribution box – 50 pairs
(shown with IDC modules, ordered separately)



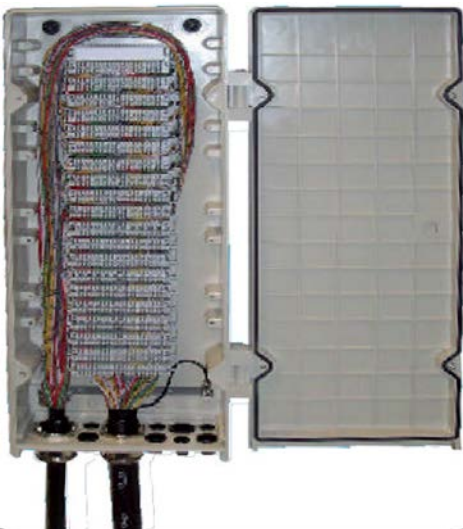
Dimensions, in mm



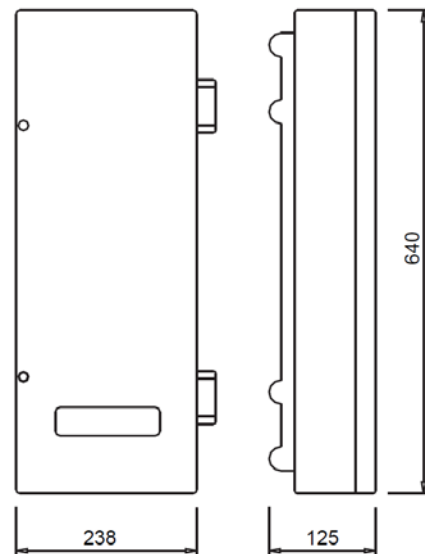
Outdoor Distribution box – 100 pairs
(shown with IDC modules, ordered separately)



Dimensions, in mm



Outdoor Distribution box – 200 pairs
(picture is not equal to the shipment)



Dimensions in mm

General attributes & mechanical characteristics

Installation:

- Prepared for mounting on wall or pole (wood, metal or concrete)
- No additional pole mounting kit necessary for Outdoor Distribution boxes 20, 50 and 100 pairs.
- For Outdoor Distribution box 200 pairs: mounting material for metal or concrete poles needed

Product specifications:

Material

Housing:

20 pairs ABS, black
50 pairs PC/ABS, UV-stabilized, UL 94 V-0, grey
100 pairs ASA, UV-stabilized, UL 94 V-0, grey
200 pairs glass-fiber reinforced polyester HUP 19/23, grey

Cover: Fiberglass reinforced polyester HUP 19/23, grey

Screws (for cover): Polyamide UV-stabilized (for 50 and 100 pairs), brass, tin-plated (for 200 pairs only)

Stuffing boxes: brass, tin-plated (for 200 pairs only)

Grommets: Synthetic rubber, black (not for 20 pair), polyethylene, black

Backmount frame: Stainless steel

Screws: Stainless steel

Earthing: Brass, nickel plated and stainless steel

Protection class: For 20, 50 and 100 pairs IP 54 (optional IP 64 with sealing), for 200 pairs IP 64 (with sealing)

Distribution Outdoor boxes

Order number	Product description
70831301-00	Outdoor Distribution box for LSA-PLUS® Series 2 modules (up to 20 lines) with backmount frame
70831401-00	Outdoor Distribution box for LSA-PLUS® Series 2 modules (up to 50 lines) with backmount frame
70831501-00	Outdoor Distribution box for LSA-PLUS® Series 2 modules (up to 100 lines) with backmount frame
70831200-00	Outdoor Distribution box up to 200 pairs without connection modules

Distribution Outdoor boxes 20, 50 and 100 pairs - Accessories

Order number	Product description
OEC-70831900-01	Lock for 20 line Outdoor Distribution box
OEC-70831901-01	Lock for 50 or 100 line Outdoor Distribution box
70831902-02	Sealing for 20, 50 and 100 line Outdoor Distribution box*

* Sealing gasket kit - cut to length per box size

Distribution Outdoor boxes 200 pairs - Accessories

Order number	Product description
60343084-01	Shielding contact lead 170 mm
70831291-00	Add on kit lock*
70831290-00	Pole and wall fixing kit

* Lock kit for 200pair box on request.

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