

Copper-Based Outdoor Distribution Cabinets

KRONECTION® Box A 100

Terminating box KRONECTION® Box A 100

Connection and terminating boxes are used to connect telecommunication cables with identical numbers of pairs to each other; or to distribute high-pair cables with up to 200 pairs to several low-pair cables (terminating boxes). The enclosures protect the equipment in the box against harmful environmental influences and perform a number of additional functions, such as earthing of the screened cable, earthing of integral earth wires, connection of over-voltage protection devices, as well as central earth connection points, depending on the specific type of terminating box.

Terminating boxes are designed for outdoor installation on house walls or poles, preferably in local telecommunication networks. They are, however, also suitable for installation in humid room conditions.

The KRONE range of KRONECTION boxes can be adapted to any environment, so that these unobtrusive boxes may even be installed in living spaces (staircases, cellar steps, corridors). The corrugated front surface also serves as a protection against stickers. Robust, weather-resistant plastic boxes and covers safely protect the connections in the cable space against environmental and climatic influences. The enclosures are adapted to the use of KRONE LSA-PLUS quick connection components of different series.



KRONECTION box A 100, closed

Operating conditions of KRONECTION® Box A 100

Depending on the particular variant, the KRONECTION box A 100 is suitable for installation of 100 pairs with the LSA-PLUS series 2/10 (connection and disconnection modules with or without an over-voltage protection) or 40 pairs with the LSA-PLUS series 1/10 or 1/20 (connection modules in accordance with DIN 47 608, fixing dimension 96.0mm or 170.0mm). The cable can be sealed in the cable entry.

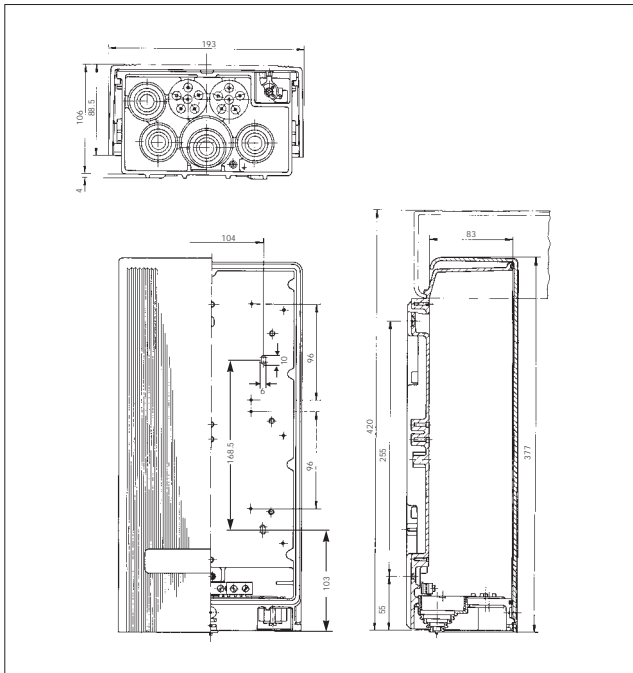
The box can be fixed either directly on the wall or on poles by means of two pole mounting devices. The cover has a special hinge which keeps the cover open during installation work, so that it functions as a protection against rain.

The inside of the box is equipped with fixing points for all standard distribution components and permits the use of over-voltage protection magazines and ComProtect 1-pair protection components from the A and B series.

Copper-Based Outdoor Distribution Cabinets

KRONECTION® Box A 100

Technical description



General technical specifications:

Climatic conditions: outdoor installation in temperate and tropical climates

Protection: IP 55 according to IEC 529 (protection against dust and spray water)

The box can be sealed with a lead seal or locked by means of an additional lock.

Protection insulation: in accordance with VDE 0804, protection class I.

Materials:

Enclosure: glass-fibre reinforced plastic

Cable entries: synthetic rubber

Lock cover: stainless steel



Copper-Based Outdoor Distribution Cabinets

KRONECTION® Box A 100

Order data for LSA-PLUS series 2/10 up to 100 pairs

Description	Quantity per floor distrib.	Order No.	Packaging unit	Description
Floor distributor				
KRONECTION box A 100 ¹⁾	1	6542 1 003-00	1	empty enclosure with an earthed backmount frame for 10 LSA-PLUS modules
Accessories				
LSA-PLUS disconnection module 2/10	1	6089 1 102-02	10	printed 1...0
Lock kit for KRONE locking system 19 without keys	1	5267 3 383-52	2	
Pole mounting device	2	6541 2 005-00	1	with bolts for spans up to 21mm
Jumper guide pin	6	6404 3 030-00	1	
LSA-PLUS over-voltage protection magazine 2/10 for 3-electrode GTD 8x13	10	6089 2 023-01	1	without GDTs
3-electrode GTD 8x13	100	6717 3 513-00	1	with fail-safe
LSA-PLUS insertion tool S	1	6417 2 055-01	1	

¹⁾ equipped with:

2 sealing plugs, each for 6 cables with a diameter of 4 - 9mm

3 sealing plug for 1 cable with a diameter of 10 - 25mm

1 sealing plug for 1 cable with a diameter of 10 - 30mm

1 cable screen earth clip