

CrossBoard®

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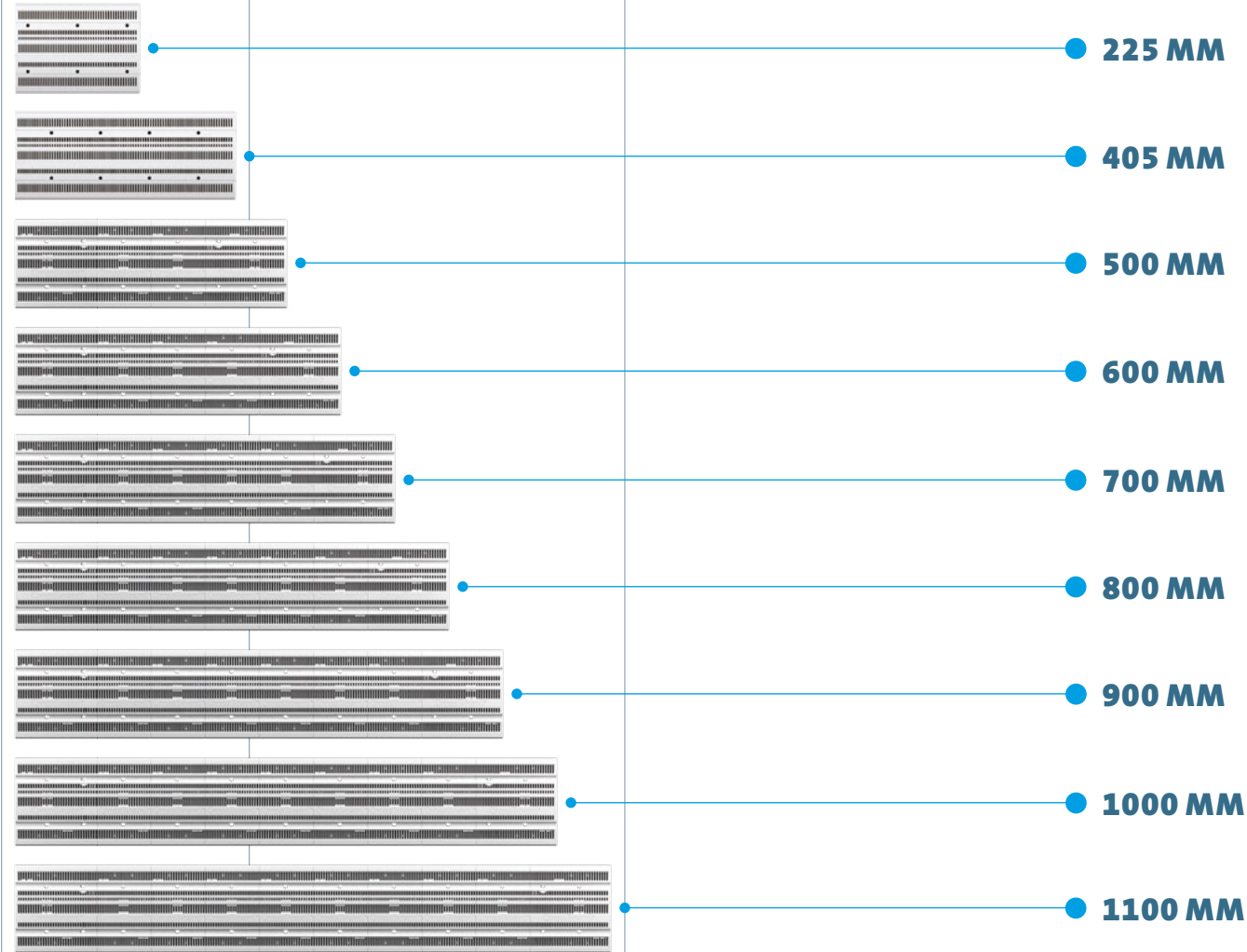
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OUR NEW LINES OF LATITUDE

The different types of CrossBoard® offer varied widths for all centralised or decentralised control cabinet applications.

Designed to fit common cabinet widths, CrossBoard® is now available in 500 mm to 1100 mm in 100 mm increments in addition to the existing 225 mm and 405 mm.

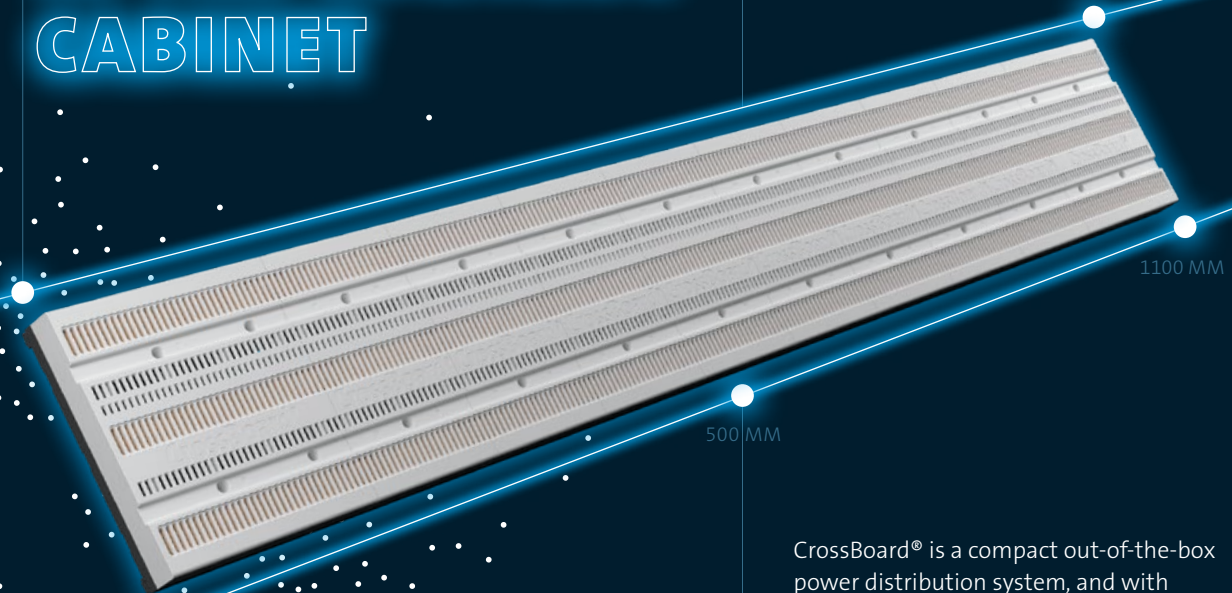
The ampacity has been increased to 160 A, extending the number of components that can be mounted, e.g. 31 electronic motor starters, rated up to 2.6 A, can be mounted on a 700 mm CrossBoard®.



CrossBoard®

THE NEW COORDINATES IN THE CONTROL CABINET

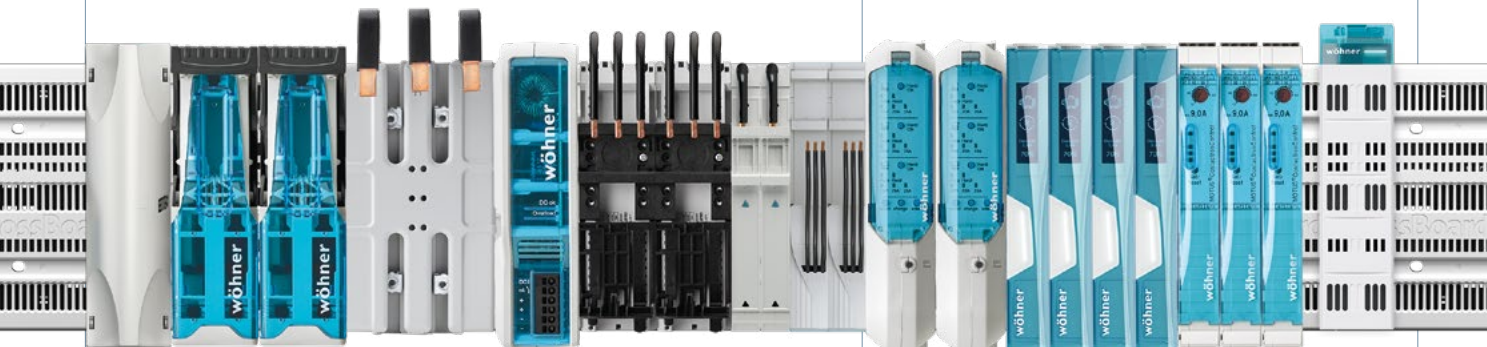
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ALLES MIT SPANNUNG



CrossBoard® is a compact out-of-the-box power distribution system, and with its standard interface and new sizes, it is the future of control technology.



ALL FUNCTIONS ON ONE SYSTEM



CrossBoard® is a modular, open platform for power distribution in control technology. The product portfolio includes components for all necessary functionalities: feeding for fused and fuse-less circuits, adapters for motor control and electronic switching devices.

CrossBoard® is now even more powerful, with a current carrying capacity up to 160 A.



SAFE

Offering complete IP20 touch-safe protection on the front and the back CrossBoard® provides a high level of safety. Power distributions according to IEC 61439 and UL 508 standards can be easily realised.

FAST

CrossBoard® is a complete out-of-the-box system, that greatly reduces mounting time. Simply unpack, mount in one step, and start plugging in components.

SIMPLE

Components snap onto CrossBoard® without the use of tools, thereby directly establishing the electrical connection. The integrated polarity protection prevents errors during mounting. The simple plug-in assembly is suitable for an automated process.

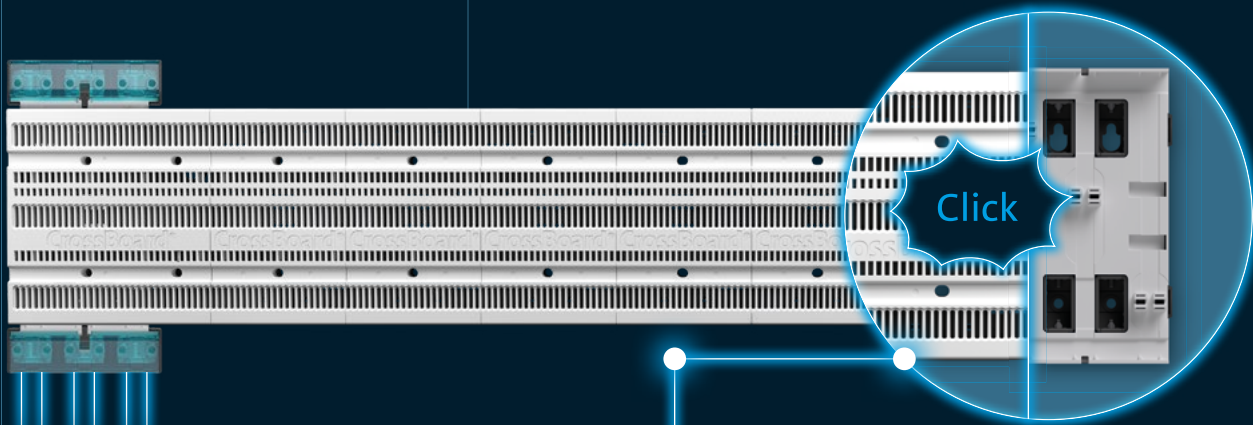
COMPATIBLE

Components can be fitted to the CrossBoard®, but also to conventional busbar systems such as 60Classic and 30Compact systems via CrossLink® adapters. As an open platform, CrossBoard® is compatible with components from other manufacturers.

POWER FROM THE REAR, SPACE ON THE FRONT

The CRITO® feed and fastening module creates additional usable space on CrossBoard®. The rear feed connection allows for the entire face of CrossBoard® to be populated with components. Thus the setup can be adapted to the conditions of the control cabinet.

Due to the modular construction of CrossBoard®, the rear connection can be engaged at 100 mm increments. The feed can thus be positioned at the ends or centre of CrossBoard®.

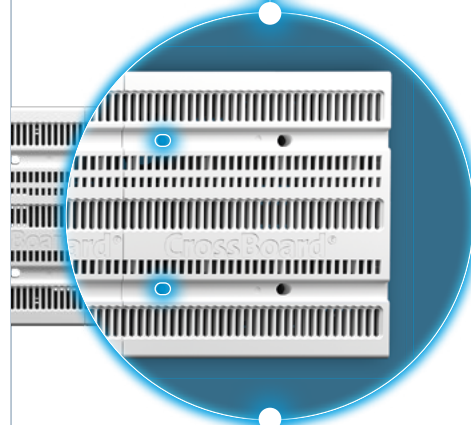


The rear connection module can be used for a top or bottom feed, and allows for interconnection of multiple CrossBoards.

The connection terminals are suitable for up to 120 mm² (250 MCM), including conductors with ferrules, or laminated copper conductors up to 15.5 mm.

PLUG-AND-PLAY MOUNTING

The plug-and-play technology of the rear connection module enables tool-free mounting and electrical connection in a single step. By means of a latching mechanism with release position, CrossBoard® can be easily dismantled by one person.

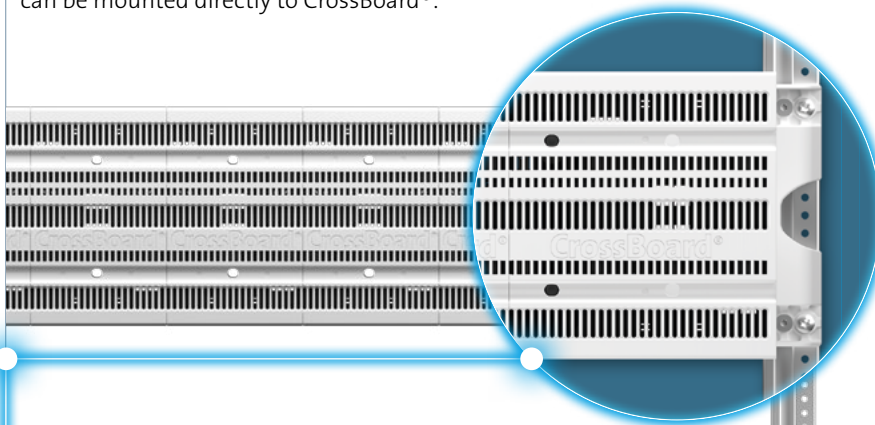


SCREW MOUNTING

CrossBoard® can be screwed directly to a mounting plate.

OUT OF THE BOX — ONTO THE LÜTZE FRAME

CrossBoard® and the AirSTREAM system from Lütze perfectly complement one another and set new standards for increasing the efficiency and order in control panels. This modular system along with accessories enables a targeted airflow, the reduction of thermal hotspots and an optimisation of the panel. Numerous Lütze accessories, e.g. wiring combs, wire holders, AirBLADES, etc., can be mounted directly to CrossBoard®.



FRAME MOUNTING

Using brackets, CrossBoard® can be quickly and easily mounted on the AirSTREAM system.



www.luetze.com

ORDER DATA

Type	Rated current	Width	Part No.
125 A power distribution platform	125 A (IEC) / 100 A (UL)	225 mm	11225
125 A power distribution platform	125 A (IEC) / 100 A (UL)	405 mm	11405
160 A power distribution platform	160 A	500 mm	11500
160 A power distribution platform	160 A	600 mm	11600
160 A power distribution platform	160 A	700 mm	11700
160 A power distribution platform	160 A	800 mm	11800
160 A power distribution platform	160 A	900 mm	11900
160 A power distribution platform	160 A	1000 mm	11000
160 A power distribution platform	160 A	1100 mm	11100
120 mm ² connection module, 3-pole, top and bottom connection	160 A	120 mm	01594
120 mm ² connection module, 3-pole, top or bottom connection	160 A	120 mm	01595
Fastening module plug-and-play mounting	—	95 mm	01605
55 cm ² bracket for Lütze AirSTREAM frame mounting	—	160 mm	01580
85 cm ² bracket for Lütze AirSTREAM frame mounting	—	160 mm	01582
Fastening module screw mounting	—	45 mm	01585