

xEnergy Light

Power Distribution Switchgear and
Control Panel System

Compact dimensions with flexible height
and depth solutions



EATON

Powering Business Worldwide

xEnergy Light

Power distribution board and control panel up to 1600 A

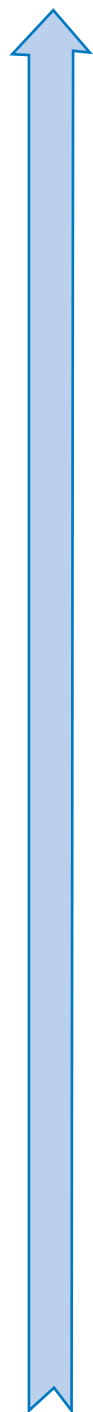
The proven xEnergy Light system is suitable for a wide range of applications. Thanks to its incredible versatility, xEnergy Light can be used both as a power distribution board and as a control panel in industrial applications and in functional buildings.

The robust 2 mm thick, multiple-folded sheet-steel frame provides the stability required for any application, in stand-alone enclosures as well as in add-on enclosures which are common in power distribution. xEnergy Light is a modular power distribution and

control panel platform designed specifically where flexible solutions are required. This flexibility is achieved by incorporating flexible height and depth options as well as high density stacking solutions for power distribution applications with incoming current requirements up to 1600 A.

xEnergy Light forms part of Eaton's Power distribution product family

6300A



125A



xEnergy Main Power Distribution Switchboards and Motor Control Centres up to 6300 A



xEnergy Light Power Distribution and Control Panel solutions up to 1600 A



xBoard Aussie Series Distribution Board Solutions up to 250 A

Features and Benefits

xEnergy Light is a flexible Power Distribution and Control Solution

Reliable in Operation

- Complete product design third party certified in accordance with BSEN 61439-2 (Verification by testing).
- External degree of protection options up to IP55 to IEC 60529.

Safe in Operation

- Padlock facilities available for all operating and interlock mechanisms.
- 3-point-lock system is available to ensure maximum safety.
- Fault Ratings
 - Main busbars up to 65 kA / 1 second (Icw).
 - Distribution busbars up to 65 kA / 1 second (Icw).
 - System conditional short circuit rating (Icc) up to 65 kA.
- Internal separation of all functional units can be from Form 2 to Form 4b to line up with AS/NZS 61439.
- Fully coordinated Eaton circuit protection devices.

System Flexibility

- Switchboard designed, manufactured and supplied fully assembled to meet your specific application.
- Compact footprint achieved by modular design with flexible panel depth and height options.
- The System can accommodate ACB's, MCCB's, Fused Combination units and also sub distribution and control sections.
- Variable widths for Cableways suitable to accommodate metering and larger cables.
- Easy to upgrade and extend the switchboard at a future date.
- Cable connection from top or bottom.

Total cost of ownership

- The use of high-grade materials & components, reduces maintenance to a minimum.
- Robust steel construction with 2 mm frame.
- Orange (RAL 2000) Polyester powder-coated exterior, Grey (RAL 7035) interior.
- Compartments or devices can be quickly and easily changed to ensure maximum uptime for the business processes.



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