



Power Xpert CXH

Eaton's high-performance
IEC motor control center



The Power Xpert CXH™ is Eaton's new global platform for IEC low voltage power distribution and motor control applications. Eaton's proven technologies and legacy designs have been integrated into this latest generation switchgear that optimizes safety, reliability and efficiency.

The Power Xpert CXH is a high-performance solution that delivers:

Advanced safety and arc mitigation features

- Arc-free system with fully insulated main busbars and distribution busbars
- Certified for arc fault containment in accordance with IEC / TR 61641 Criteria 1-7
- Minimized arc hazards during service operation with Arcflash Reduction Maintenance System™ technology
- Racking behind closed doors, providing complete ingress protection in all withdrawable unit positions

Reliable platform, minimizing downtime

- Verified and tested to IEC 61439-2
- Tested for Lloyds marine certifications
- Tested for 1000+ operations of withdrawable units
- "Maintenance-free" distribution busbar connections and racking system
- Servicing of functional units during live conditions

Operational efficiency with optimized footprint

- "High-density" drawers, up to 28 x 18.5 kW starters per vertical section
- Global platform with worldwide standardized industrialization processes



Powering Business Worldwide

Withdrawable units



Front view of a withdrawable motor starter unit up to 22 kW.❶



Front view of a withdrawable motor starter unit up to 18.5 kW, high-density version.



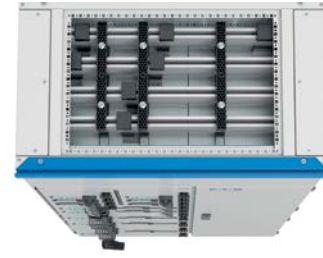
Power Xpert CXH with high-density drawers, up to 28 x 18.5 kW starters per vertical section.



Rear view of a withdrawable motor starter unit up to 22 kW.❶



Rear view of a withdrawable motor starter unit up to 18.5 kW, high-density version.



Power Xpert CXH has fully insulated main busbars and segregated distribution busbars (arc-free).

❶ Drawer units for CXH are also available with motor starters up to 75 kW (250 mm drawer height) and 132 kW (500 mm drawer height).

Application areas

- Petrochemical
- Oil and gas exploration (onshore and offshore)
- Process industries
- Power stations
- Packaged substations
- Mining

Technical highlights

Power Xpert CXH

Rated voltage	415 V, 480 V, 690 V
Rated frequency	50/60 Hz
Rated current main busbars	Up to 6300 A
Short time current	Maximum 100 kA / 1 s
Degree of protection (IEC 60529)	IP42, IP55
Entry of cables	Top and/or bottom
Access	Front or rear
Outgoing units	Fixed/withdrawable
Standard color	RAL 7035 (others on request)
Standards	IEC 61439-2, IEC / TR 61641 cat 1...7, IEC 60947-1 part 4-1 type 2 coordination
Certification	Lloyd's Register of Shipping

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