



SMART BUILDINGS | RELEASE NOTE, MARCH 15, 2021

Reliagear™ lighting panelboards

Now with XT5 and XT6 and Ekip DIP



ReliaGear lighting panelboards have been enhanced to serve applications with higher protection requirements and now are available in 300-800A with Tmax XT5 and XT6 circuit breakers to deliver maximum circuit protection, and ekip DIP XT4, XT5 and XT6 trip units for selective coordination jobs helping increase system reliability and safety.

Products highlights

- **Advanced protection** – XT5 and XT6 circuit breaker enable thermomagnetic adjustable trip units to help ensure operation continuity of service
- **Increase system reliability** – Ekip DIP LSI allows for selective coordination jobs increasing safety and reducing power loss
- **Easy to install** - Modular and versatile design to help speed installation and reduce labor costs
- **Design flexibility** - Allows for an advanced level of customization
- **Easy ordering** - State-of-the-art automated empower tool available to facilitate product ordering, helping users save time and money

Key features

- Increased amperages and sub-feed circuit count
- Advanced electronic trip units within compact frames
- Extruded split neutrals to simplify wiring and help speed installation
- NEMA enclosures offer ample gutter space
- Thousands of configurations and optional embedded surge protection devices, main metering, or branch circuit metering available

Technical specifications

- Higher interrupt ratings (up to 200kA), Ekip Dip, and thermal-magnetic trip units
- Maximum short circuit rating is equal to 100 kAIC at 240 V AC and 480/277 V AC with series rating of 100 kAIC at 480 V AC and 200 kAIC at 240 V AC
- Factory assembled on rigid steel frames and equipped with circuit breakers from 15 A to 800 A

Standards, classifications, and certifications

- UL 67 panelboards; UL 50 cabinets and boxes
- UL 489 molded case circuit breakers
- cUL listing for ReliaGear lighting panelboards and non-entrance panelboards
- International Building Code Seismic Certification
- California Building Code Seismic Certification
- NEMA PB1
- National Electrical Code – Ref. Article 384
- ISO Certification 9001

Application

ReliaGear lighting panelboards are the smart choice for projects of any size and applications where XTreme performance matters such as:

- Commercial and high-rise buildings
- Data centers
- Educational and institutional facilities
- Food and beverage facilities
- Healthcare facilities
- Infrastructure projects
- Large industrial complexes

Market

Global

Sales ordering

empower

Production site

Mebane, North Carolina, US.

Availability and delivery time

March 16, 2021. Delivery time 6 weeks (Use empower for the latest updates on lead times).

Documents

Name	Doc #	Internal	External
BuyLog Section 11	–	Yes	Yes
Sales brochure	1TQC173600E0001	Yes	Yes

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