



SMART BUILDINGS | RELEASE NOTE, SEPTEMBER 2021

ReliaGear™ OEM Panelboards

Building smart, reliable, and flexible solutions together



ReliaGear OEM panelboards - Type G or Type L - offer the reliability and flexibility you need to design and complement your solutions. Their high-performance and protection capabilities help you ensure continuity of service and protection of equipment for commercial or light industrial to advanced heavy-duty applications.

ReliaGear OEM panelboards are assembled on rigid steel frames and equipped with circuit breakers from 15 A to 600 A. The maximum short circuit rating is equal to 65 kAIC at 240 V AC and 480/277 V AC.

ReliaGear OEM panelboards are available as type G or Type L, and incorporate the best features you find in the ReliaGear RQ, RL, RE, RS, and RD lighting panelboards

Type G

Reliagear OEM Type G panelboards include the interior, enclosure, front, and shield.

Type L

Reliagear OEM Type L panelboards provide the interior construction only.

Applications

OEM panelboards are well suited for commercial or light industrial applications to advanced heavy-duty applications such as:

- Commercial and high-rise buildings
- Food and beverage facilities
- Hospitals or healthcare
- Data centers
- Large industrial complexes

Key benefits

- **Vast engineering documentation** – 3D models and drawings available to help design your solution.
- **Advanced flexibility** – Build customized solutions by incorporating ReliaGear lighting panelboards configurations into two OEM arrangements, Type G and Type L.
- **Continuous operation** – Advanced breaking capacities combined with the most precise electronic trip units help ensures continuity of service and equipment protection at all times.
- **Space optimization** – Compact design to make the best use of available space.
- **Count on us 24/7** – We continue to invest in R&D, manufacturing capacity, innovative tools, and more importantly, our people to deliver best-in-class service and solutions
- **Speed up your projects** – OEM panelboards are built with advanced features that can allow you to speed up your projects.

Common key features

ReliaGear OEM lighting panelboards include all the functionalities you need to serve, from commercial or light industrial applications to advanced heavy-duty applications.

- Keyhole hangers for easy installation
- Main breaker, main lug, main studs, and sub-feed options available
- Branch breakers mount directly to integral bus straps. No separate mounting hardware required for types RQ, RL, RS, RE
- New shorter rails alternative available in Type L panelboards for more flexibility
- High-strength, impact resistant bus supports provide both isolation and structural durability
- Main bus ratings of 125-800A cooper or aluminum

Technical specifications

- Maximum short circuit rating is equal to 65 kAIC at 240 V AC and 480/277 V AC and 100 kAIC at 240 V for panelboards using TEY branch breakers
- Factory assembled on rigid steel frames and equipped with circuit breakers from 15 A to 600 A
- Up to 600V 3 phase, 3/4-wire system voltage
- Up to 84 circuits

Standards, Classifications, Certifications

- UL 67 panelboards
- 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
- OSHPD Special Seismic Certification Preapproval (OSP)
- National Electrical Code – Ref. Article 384
- ISO Certification 9001
- UL 50 cabinets and boxes - Type G Panelboards
- NEMA PB1 – Type G Panelboards

Production site

Mebane, North Carolina, US.

Order

Order through empower flow or quote at empower.abb.com

Availability and delivery time

September 9, 2021.

Visit empower for current lead times.

Market

Global

To learn more

- Website
- Product guide
- Release note

Contact information

- ABB sales agent or representative
- ABB district sales managers
- Ask an expert
(click or scan QR code to submit your question)

