

EXTERNAL



ELECTRIFICATION – SMART BUILDINGS

Configure ReliaGear™ OEM lighting panelboards using ABB empower configuration tool

Quick guide

Proprietary Statement

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ReliaGear™ OEM lighting panelboards

Empower configurator tool selection

This quick guide will help you select ReliaGear OEM lighting lighting panelboards, Type G or Type L on the ABB empower configurator tool. Users must have an ABB empower account with access to the ABB empower Quote module.

The screenshot displays the ABB empower website. The header features the ABB logo, the 'empower' tagline 'the power to do more', and navigation links for 'Getting Started', 'Contact', 'News', and 'ABB Electrification'. Social media icons for Twitter, YouTube, Facebook, and a globe icon for language selection (English - United Sta...) are also present. The main content area has a large 'Welcome to empower' heading. Below this, a paragraph explains that empower is ABB's premier eBusiness platform for managing relationships. A 'Login' modal is open on the right, containing a 'Log in' button, a 'Forgot Password?' link, and a 'Register Now' button for users without an account.

ABB empower
the power to do more

[Getting Started](#) [Contact](#) [News](#) [ABB Electrification](#)

Find us on: [Twitter](#) [YouTube](#) [Facebook](#) [Globe](#) English - United Sta...

Welcome to empower

empower is ABB's premier eBusiness platform, enabling our employees, partners, and customers to manage all aspects of their relationship from quote and bid to order and delivery tracking. Please check out the [Getting Started](#) section for instructions.

Login

Registered users can access empower by clicking on the login button below:

[Log in](#)

Forgot [Password](#) ?

Don't have an account? [Register Now](#)

ReliaGear™ OEM lighting panelboards

Accessing to the Empower configurator tool - Panelboards

1

After you logged in on ABB empower, hit on create a new quote, add a new item, and select panelboards.

Order Status

Last 150 orders

149

Total Orders

43

Open

98

Shipped

2

On Hold

6

Cancelled

Order Search

Enter Order or PO or Product Nur

Search

Recent Orders

View All

Toggle column:PO No. - Order No. - JOB Name - Total Amount - Status

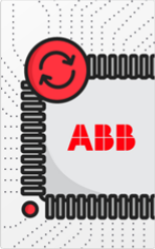
PO No.

Order No.

Status

Product Updates

View All



Need Busway fast?

New short cycle quick-ship program with competitive lead times

ReliaGear™ LV SG switchgear

Now available with Emax 2 air circuit break technology for improved protection and [Read More...](#)

WEBINAR: Tmax® XT Thursday Webinar...

Please join us beginning Thursday, May 20 at 11:00 am EST for an in-depth series of live [Read More...](#)

Create a new quote or manage existing quotes

Quotes

Products

Catalog Search

Import

Products

Show by Grouping

Critical Power

Automatic Transfer Switches

Power Distribution Units

Static Transfer Switches

Surge Protective Devices

Surge Protective Devices - Din Rail Series

Uninterruptible Power Supplies

Contactors, Starters & Motor Controls

Contactors - Lighting

Contactors - Overload

Contactors/Starters - Motor

Drives - Open (ACS310)

Relays - Interface Relays and Optocoupler

Relays - Measuring and Monitoring

Softstarter - Enclosed (PSE)

Softstarter - Enclosed (PSTX)

Softstarter - Open (PSE)

Softstarter - Open (PSR)

Softstarter - Open (PSTX)

Starters - Open Manual Motor (MS)

Starters - Open/Enclosed Manual Motor (CR)

Protection & Distribution

Bus Bar System (Smissline)

Busway (Spectra)

Circuit Breakers - Low Voltage (Enclosed/Acc MCCB)

Circuit Breakers - Low Voltage (EntelliGuard)

Circuit Breakers - Low Voltage (Formula)

Circuit Breakers - Low Voltage (Power Break II and HPC)

Circuit Breakers - Low Voltage (SACE Emax 2)

Circuit Breakers - Low Voltage (SACE Tmax XT)

Circuit Breakers - Trip Unit Conversion and Upgrade Kits

Load Centers

Modular Metering

Motor Control Centers - Low Voltage

Motor Control Centers - Low Voltage FASTRAC Units

Panelboards

Power Meter and Safety Relay (Ekip UP)

Switchboards (NEMA)

Switches and Disconnects - Elevator Disconnects

Switches and Disconnects - Rotary Disconnects

Switches and Disconnects - Safety Switches

Switchgear - Medium Voltage Load Interrupter Switch

Transformers - Low Voltage Dry-Type/Control Power



ReliaGear™ OEM lighting Panelboards

Lineup panelboard configuration

2

Hit on the Lineup tab and drop down on the fields available to select the configuration for your panelboard.

Panelboards

Quote : test1 | UMB-00006706 Original version | Save & Exit

Item 1 | Lighting Panelboard, ReliaGear RQ | 40 days | Messages (0)

Lineup | Incoming Device | Feeders | Options | Layout | Drawings | Directory Card

Item # 1	Quantity 1	Marks (20 Characters Max)	Options
Voltage 208Y/120V	Service 3 Phase 4 Wire		Assembly Centers None
IC Rating (kAIC) 10	Panel Type RQ-ReliaGear THQB Branches, 240V, 800A Max		Service Entrance None
Incoming Type Lugs	Amps 225	Rating Type Fully Series	<input type="checkbox"/> Split Bus <input type="checkbox"/> Pro-Stock Compatible <input type="checkbox"/> Intel
Bus and Enclosure		<input type="checkbox"/> Selective Capability <input type="checkbox"/> Factory Assembled Panel <input type="checkbox"/> 42 Circuits Max Per Section	
Bus Material Aluminum Bus Heat Rated / List Price \$	Neutral Rating 100% Rated	Feed Location Top Bottom	Mounting Type Surface Flush
Enclosure Type Nema 1 Enclosure	Neutral Option None	Lug Configuration None	Lug Option Type None
		Ground Lugs Ground-Box bonded TGL2 / List Price \$120	

ReliaGear™ OEM lighting Panelboards

Empower configurator tool selection

3

Click the “Incoming device” tab to select incoming device type and configuration.

ReliaGear™ OEM lighting Panelboards

Empower configurator tool selection

4

Go to the “**Feeders**” tab to select branch breakers

Item 1 | Lighting Panelboard, ReliaGear RQ

40 days | Messages (0)

Lineup

Incoming Device

Feeders

Options

Layout

Drawings

Directory Card

Display Name	Quantity	Trip Amps	Poles	Device Type	Frame	Trip Unit	Accessories
Device: 1	1	20	1	Breaker	THQB / List Price \$15		

Add

Delete

Copy

Delete All

Quick Entry

☐ Kit With Breaker

Branch Section Circuits

Total Circuits (Branch + S...

To calculate space enter branch circuits and hi...

☐ CT Provisions Title 24

☒ Requires single service disconnect per panel

Accessories

Aux Switch

Shunt Trip

Under Voltage Relay

Lighting Cont. Coil Voltage

None

None

None

☐ Bell Alarm

☐ Handle Lock

☐ Pad Lock

ReliaGear™ OEM lighting Panelboards

Selecting ReliaGear OEM lighting panelboards

5

Hit “Options” and then “Add” a new window will appear.

Panelboards

Quote : test1 | UM8-00006706
Original version

Save & Exit

Item 1 | Lighting Panelboard, ReliaGear RQ

40 days | Messages (0)

Lineup | Incoming Device | Feeders | Options | Layout | Drawings | Directory Card

Nameplates

None

Front/Doors

Standard

Latch/Lock

Standard

Box Height

Default

Surge Protection

None

Incoming Meter

None

ROCB

None

Box Width

Default

Submetering

None

☐ California Weighing and Measuring Devices Compliant

☐ Meter Display

☐ Convert to Legacy Panel

☐ Convert to Spectra Panel

☐ Interior Only

☐ Do Not Include Box (prev. Box Shipped)

☐ Drip Hood

☐ Permanent Circuit Numbers

☐ Metal Directory Card Holder

☐ Box Painted

☐ 200A THQB Straps

☐ Same Box Size

☐ Vertical Circuit Numbering

Starting Circuit Number 1

Quantity

Category

Description

Price

Cycle

Add

Delete

Copy

ReliaGear™ OEM lighting Panelboards

Selecting Type L panelboards

6

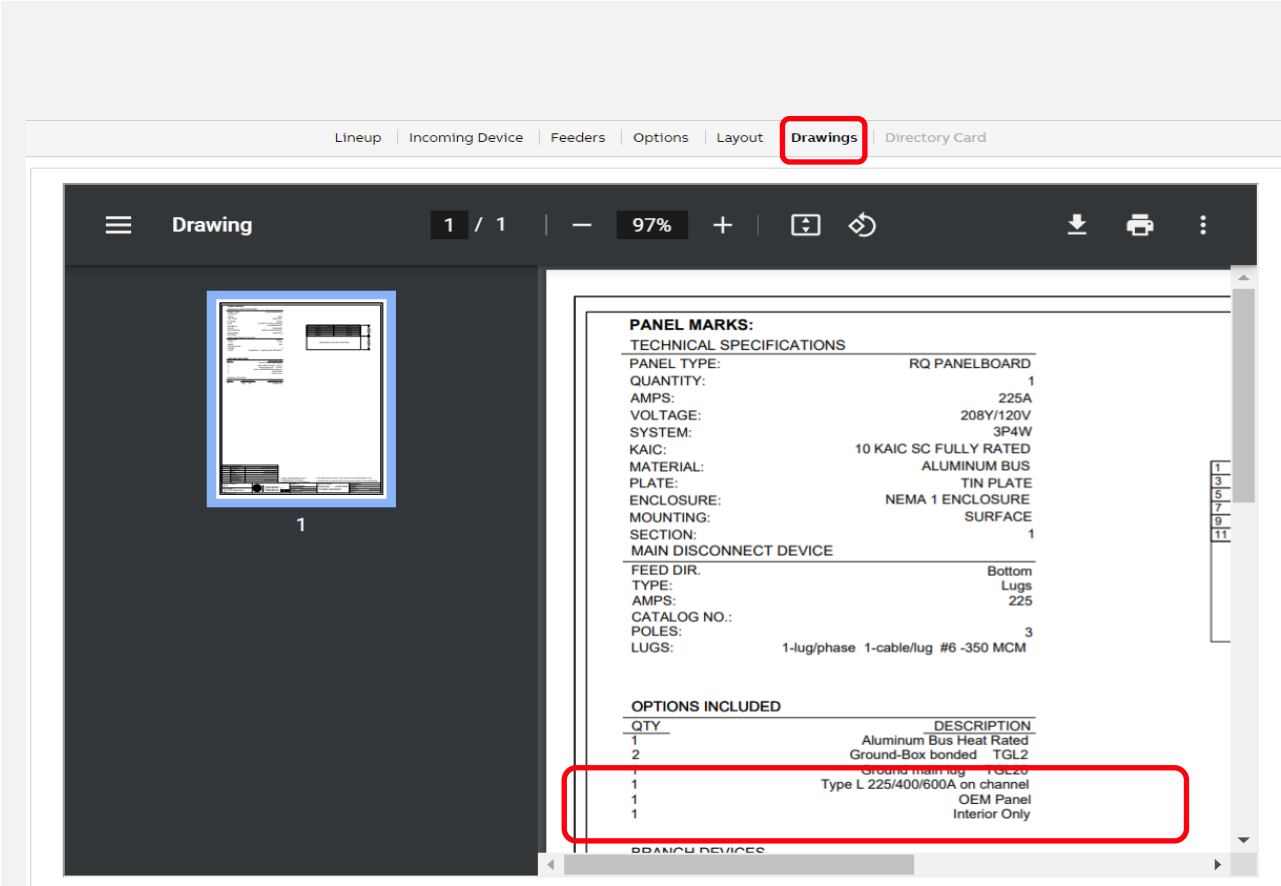
Select “OEM – OEM Panel”
for Type L panelboards

The screenshot displays the 'Options' tab of the ReliaGear configuration tool. The interface includes several dropdown menus for configuration: Nameplates (None), Front/Doors (Standard), Latch/Lock (Standard), Box Height (Default), Surge Protection (None), Incoming Meter (None), ROCB (None), and Box Width (Default). A dropdown menu is open for the 'Incoming Meter' field, showing a list of options including '.0- None', '.CLL - OEM Type L Without Lugs', '2W - 2 Wire Control Relay', '4HZ - 400 Hertz', 'AJ - To mount in AJ Swbd', 'CMA - Cable material - Aluminum', 'CMC - Cable material - Copper', 'CPT - Control Power Transformer', 'DBS - Box Sizes May Differ', 'EQIP - Equipment Panel', 'FB - Control Fuses & Block', 'GIBC - Copper Isolated/Bonded Ground', 'GOEM - Global OEM', 'HOEM - Narrow Equipment Panel', 'KEW - Knock Out End Walls', 'LAUS - Los Angeles school district', 'NYCS - New York City School Construct', 'OEM - OEM Panel', 'PL - Pilot Light With On/off n', and 'POEM - Pre-Negotiated OEM Panel'. The 'OEM - OEM Panel' option is highlighted with a red box. Below the dropdown, there are checkboxes for 'California Weighing and Measuring Devices Compliant', 'Interior Only', 'Do Not Include Box (prev. Box Shipped)', 'Box Painted', and '200A THQB Straps'. On the right side, there are checkboxes for 'Convert to Spectra Panel' and 'Metal Directory Card Holder', and a 'Starting Circuit Number' field set to 1. At the bottom, there is a table with columns for Quantity, Category, Price, and Cycle. The table contains one row with Quantity 1, Category All, Price 0, and Cycle S. Below the table are buttons for Add, Delete, and Copy.

Quantity	Category	Price	Cycle
1	All	0	S

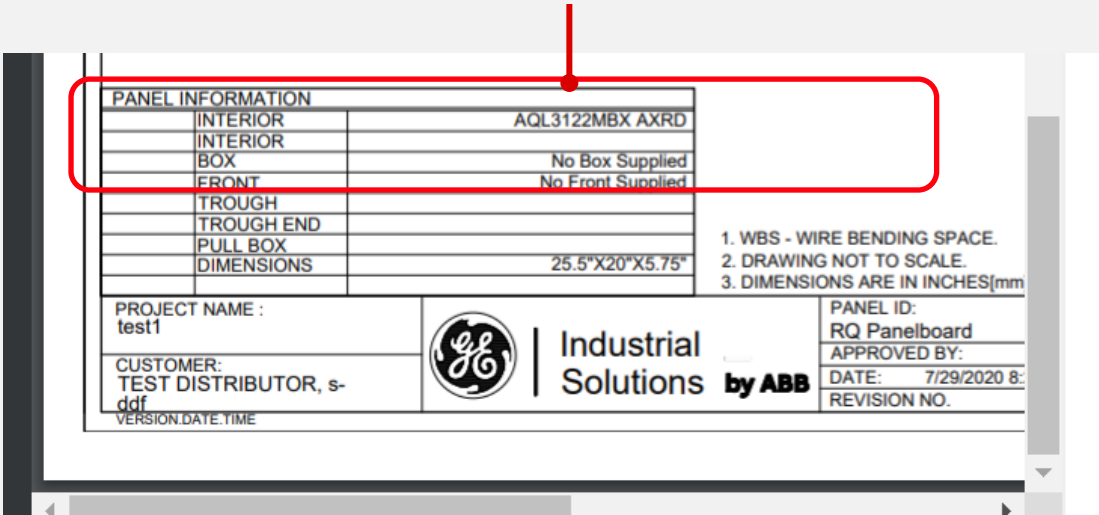
ReliaGear™ OEM lighting Panelboards

Checking Type L selection in drawings tab



7

Click on “**Drawings**,” a document with a summary will appear, confirm that Type L appears under options and a “**L**” letter on the 3rd character of the interior code shows it is a “**Type L**” panelboard



ReliaGear OEM lighting Panelboards

Selecting Type G panelboards

8

Select “GOEM – Global OEM”
for Type G panelboards

The screenshot displays the 'Options' tab of the ReliaGear configuration interface. The interface includes several dropdown menus for configuration: Nameplates (None), Front/Doors (Standard), Latch/Lock (Standard), Box Height (Default), Surge Protection (None), Incoming Meter (None), ROCB (None), and Box Width (Default). A dropdown menu is open for the 'Incoming Meter' field, showing a list of options. The option 'GOEM - Global OEM' is highlighted with a red box. A red line points from the text 'Select “GOEM – Global OEM” for Type G panelboards' to this option. Other options in the dropdown include .0- None, .CLL - OEM Type L Without Lugs, 2W - 2 Wire Control Relay, 4HZ - 400 Hertz, AJ - To mount in AJ Swbd, CMA - Cable material - Aluminum, CMC - Cable material - Copper, CPT - Control Power Transformer, DBS - Box Sizes May Differ, EQIP - Equipment Panel, FB - Control Fuses & Block, GIBC - Copper Isolated/Bonded Ground, HOEM - Narrow Equipment Panel, KEW - Knock Out End Walls, LAUS - Los Angeles school district, NYCS - New York City School Construct, OEM - OEM Panel, PL - Pilot Light With On/off n, and POEM - Pre-Negotiated OEM Panel. Below the dropdown, there are checkboxes for 'California Weighing and Measuring Devices Compliant', 'Interior Only', 'Do Not Include Box (prev. Box Shipped)', 'Box Painted', and '200A THQB Straps'. At the bottom, there is a table with columns for Quantity, Category, Price, and Cycle. The table has one row with Quantity 1, Category All, Price 0, and Cycle S. Buttons for Add, Delete, and Copy are at the bottom.

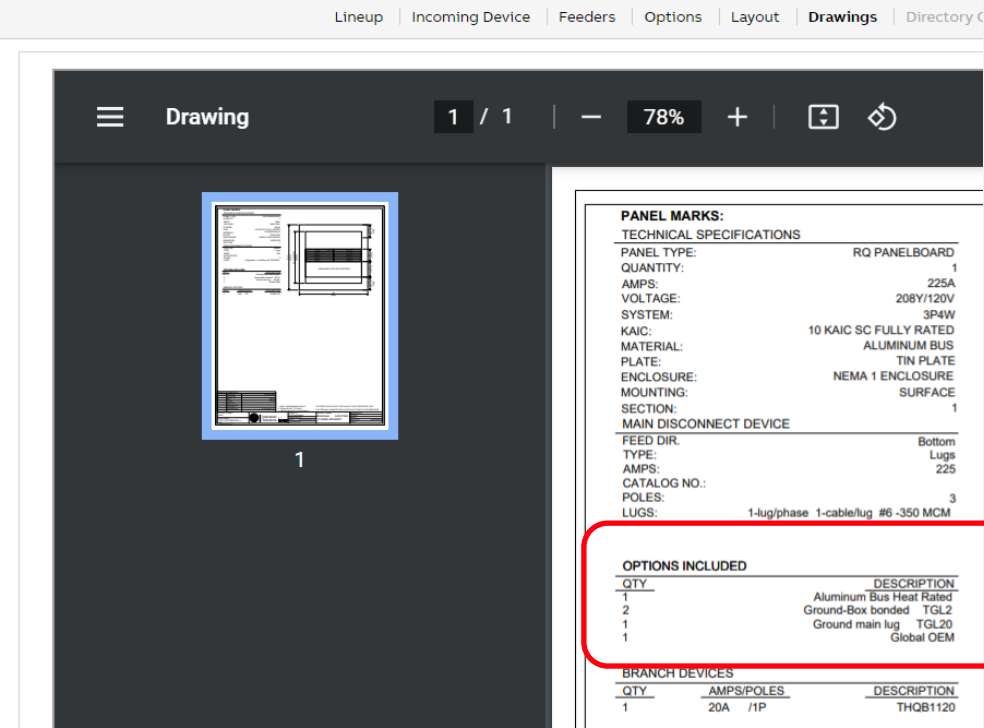
Quantity	Category	Price	Cycle
1	All	0	S

ReliaGear OEM lighting Panelboards

Checking Type G selection in drawings tab


9

Click on “**Drawings**,” a document with a summary will appear. Within the panel information table, a “**G**” letter on the 3rd character of the interior code shows it is a “**Type G**” panelboard



PANEL INFORMATION		
	INTERIOR	AQG3122MB
	INTERIOR	
	BOX	AB31B
	FRONT	AF31S
	TROUGH	
	TROUGH END	
	PULL BOX	
	DIMENSIONS	31.5"X20"X5.75"

1. WBS - WI
2. DRAWING
3. DIMENSION

PROJECT NAME : test1	 Industrial Solutions by ABB
CUSTOMER: TEST DISTRIBUTOR, s- ddf	

Thank you for your business!

For more information
electrification.us.abb.com



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