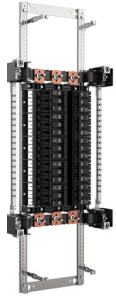


# Pro-Stock lighting panelboards

## Unassembled lighting panels



Pro-Stock lighting panelboards are XTremely easy to install. A Pro-Stock lighting panel can be installed in less than 30 minutes with only three tools.

Using the empower configuration tool, follow the steps below to build a ReliaGear Pro-Stock lighting panelboard:

### 1. Select interior

Select the interior by bus type, panel rating and number of circuits. Identify the box/front height for use in steps 2 and 3.

#### Copper bus

Voltage	Rating (amps)	No. of circuits	Feed-thru		Non feed-thru		
			Product number <sup>1</sup>	Box/front height (in.)	Product number <sup>1</sup>	Box/front height (in.)	TGL2 ground bars <sup>1,2</sup>
240 V AC, 1-Phase	100–225	18	AQU1182RCXAXT1B4	37.5	AQU1182RCXAXB4	31.5	2
		30	AQU1302RCXAXT1B4	43.5	AQU1302RCXAXB4	37.5	3
		42	AQU1422RCXAXT1B4	49.5	AQU1422RCXAXB4	43.5	4
	400	18	AQU1184RCXAXT1B4	64.5	–	–	2
		42	AQU1424RCXAXT1B4	76.5	AQU1424RCXAXB4	64.5	4
		600	18	AQU1186RCXAXT1B4	64.5	–	–
		42	AQU1426RCXAXT1B4	76.5	AQU1426RCXAXB4	64.5	4
208/120 V AC, 3-Phase	100–225	18	AQU3182RCXAXT1B4	37.5	AQU3182RCXAXB4	31.5	2
		30	AQU3302RCXAXT1B4	43.5	AQU3302RCXAXB4	37.5	3
		42	AQU3422RCXAXT1B4	49.5	AQU3422RCXAXB4	43.5	4
	400	18	AQU3184RCXAXT1B4	64.5	–	–	2
		42	AQU3424RCXAXT1B4	76.5	AQU3424RCXAXB4	64.5	4
		600	18	AQU3186RCXAXT1B4	64.5	–	–
		42	AQU3426RCXAXT1B4	76.5	AQU3426RCXAXB4	64.5	4
480/277 V AC, 3-Phase	100–225	18	AEU3182RCXAXT1B4	37.5	AEU3182RCXAXB4	31.5	2
		30	AEU3302RCXAXT1B4	43.5	AEU3302RCXAXB4	37.5	3
		42	AEU3422RCXAXT1B4	49.5	AEU3422RCXAXB4	43.5	4
	400	18	AEU3184RCXAXT1B4	64.5	–	–	2
		42	AEU3424RCXAXT1B4	76.5	AEU3424RCXAXB4	64.5	4
		600	18	AEU3186RCXAXT1B4	64.5	–	–
		42	AEU3426RCXAXT1B4	76.5	AEU3426RCXAXB4	64.5	4

#### Aluminum bus

Voltage	Rating (amps)	No. of circuits	Feed-thru		TGL2 ground bars <sup>1,2</sup>
			Product number	Box/front height (in.)	
240 V AC, 1-Phase	100–225	18	AQU1182RCXAXT1	37.5	2
		30	AQU1302RCXAXT1	43.5	3
		42	AQU1422RCXAXT1	49.5	4
208/120 V AC, 3-Phase	100–225	18	AQU3182RCXAXT1	37.5	2
		30	AQU3302RCXAXT1	43.5	3
		42	AQU3422RCXAXT1	49.5	4
480/277 V AC, 3-Phase	100–225	18	AEU3182RCXAXT1	37.5	2
		30	AEU3302RCXAXT1	43.5	3
		42	AEU3422RCXAXT1	49.5	4

#### TGL20 ground lug quantities

Interior type	No. of TGL20s required by panel rating		
	100 A–225 A	400 A	600 A
Main lug only	1	1	2
Main lug and feed-thru	2	2	4
Main breaker only	1	1	1
Main breaker and sub-feed	1	1	1
Main breaker and feed-thru	2	2	3

<sup>1</sup> For TGL20 ground lug quantities, see TGL20 ground lug quantities table above.

<sup>2</sup> For isolated ground, use EGS12. When using the EGS12, 3, 5 and 7 ground lugs (TGL20s) are required for 18, 30 and 42 circuits respectively.