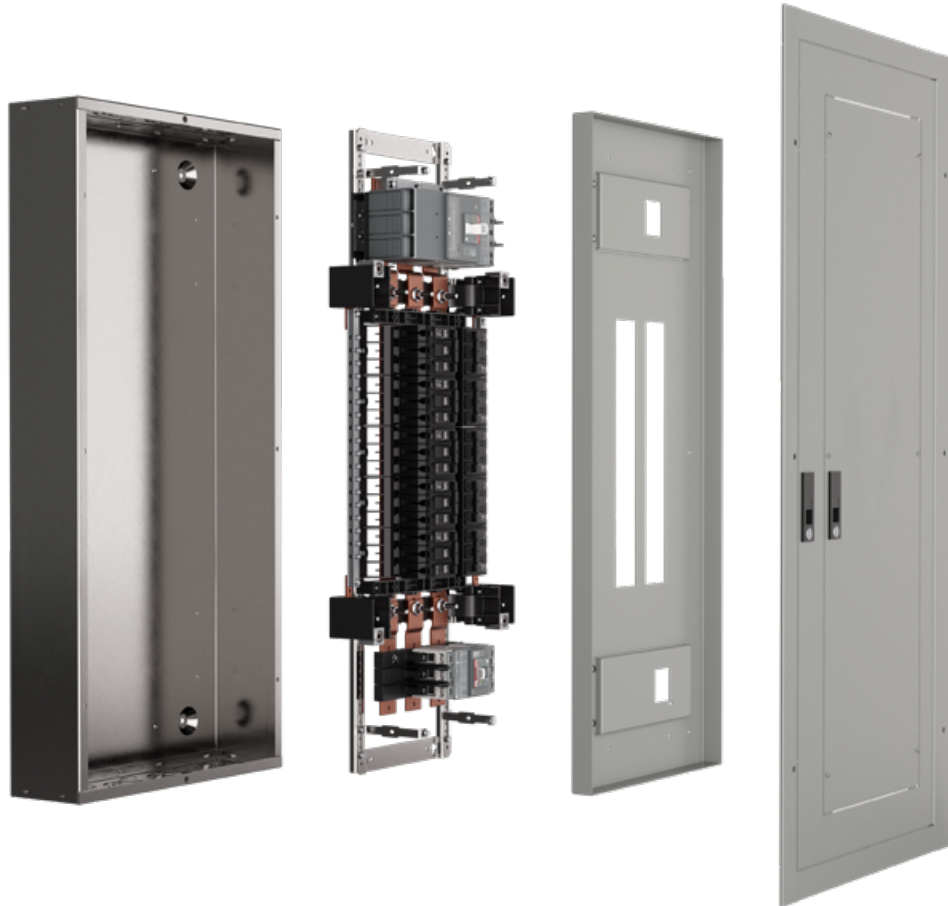


ReliaGear™ Pro-Stock™ lighting panelboards

A smart investment when operational downtime can't be afforded.



Projects with short turn around

Emergency situations, property damage, strip malls, subways, small business or buildings



+1K configurations

XTreme flexibility to meet your application requirements



XTra value at every level

A smart investment when operational downtime can't be afforded



No lead time

Available immediately on the distributors' shelves



Unassembled

Assemble and install on site in about 30 minutes



Standard parts

7 steps to complete your selection

ReliaGear™ Pro-Stock™ lighting panelboards

Step-by-step selection

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 ¹	Box/front height (in.)	Product number ¹	Box/front height (in.)	TGL2 ground bars ^{1,2}	
240 V AC, 1-Phase	100–225 ³	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	–	–	2
		600	42	AQU1426RCXAXT1B4	76.5	AQU1426RCXAXB4	64.5	4
208/120 V AC, 3-Phase	100–225 ³	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	–	–	2
		600	42	AQU3426RCXAXT1B4	76.5	AQU3426RCXAXB4	64.5	4
480/277 V AC, 3-Phase	100–225 ³	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	–	–	2
		600	42	AEU3426RCXAXT1B4	76.5	AEU3426RCXAXB4	64.5	4

Aluminum bus

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

¹ For TGL20 ground lug quantities, see TGL20 ground lug quantities table above.

² 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.

³ Main bus rating of 250A for main breaker interiors and a bus rating of 225A for main lug interiors.

ReliaGear™ Pro-Stock™ lighting panelboards

Step-by-step selection



2. Choose box

Select a box of the correct height (see step 1). Boxes come with blank endwalls. If endwalls with knockouts are required, also order knockout endwall kit AKEW2.

Note: This is only available for 20" wide NEMA 1 enclosures.

Box height (in.)	NEMA 1	NEMA 3R	NEMA 4, 4X and 12 stainless steel	
	20" wide	20" wide	20" wide	20" wide
31.5	AB31B	AB313	AB314	AB314S
37.5	AB37B	AB373	AB374	AB374S
43.5	AB43B	AB433	AB434	AB434S
49.5	AB49B	AB493	AB494	AB494S
64.5	AB64B	AB643	AB644	AB644S
76.5	AB76B	AB763	AB764	AB764S



3. Add a front

Add a front of the correct height (available for NEMA 1 enclosures only)

- Standard fronts are equipped with concealed hinges and trim adjusting screws hinges, trim adjusting screws and quarter turn locks.
- The door-in-door is convenient for contractors to gain easy access to equipment from the front of the panel. Door-in-door allows a contractor access to the gutters without removing the front.
- Front hinged to box is similar to door-in-door for convenient access to gutters, but a contractor must remove four screws to access the outer door.

Front height (in.)	Standard (20" wide)		Door within door (20" wide)		Front hinged to box (20" wide)	
	Flush	Surface	Flush	Surface	Flush	Surface
31.5	AF31F	AF31S	AF31FP	AF31SP	AF31FD	AF31SD
37.5	AF37F	AF37S	AF37FP	AF37SP	AF37FD	AF37SD
43.5	AF43F	AF43S	AF43FP	AF43SP	AF43FD	AF43SD
49.5	AF49F	AF49S	AF49FP	AF49SP	AF49FD	AF49SD
64.5	AF64F (T)	AF64S (T)	AF64FP (T)	AF64SP (T)	AF64FD (T)	AF64SD (T)
76.5	AF76F (T)	AF76S (T)	AF76FP (T)	AF76SP (T)	AF76FD (T)	AF76SD (T)

(T) Fronts with quarter turn lock for applications with XT5 circuit breakers