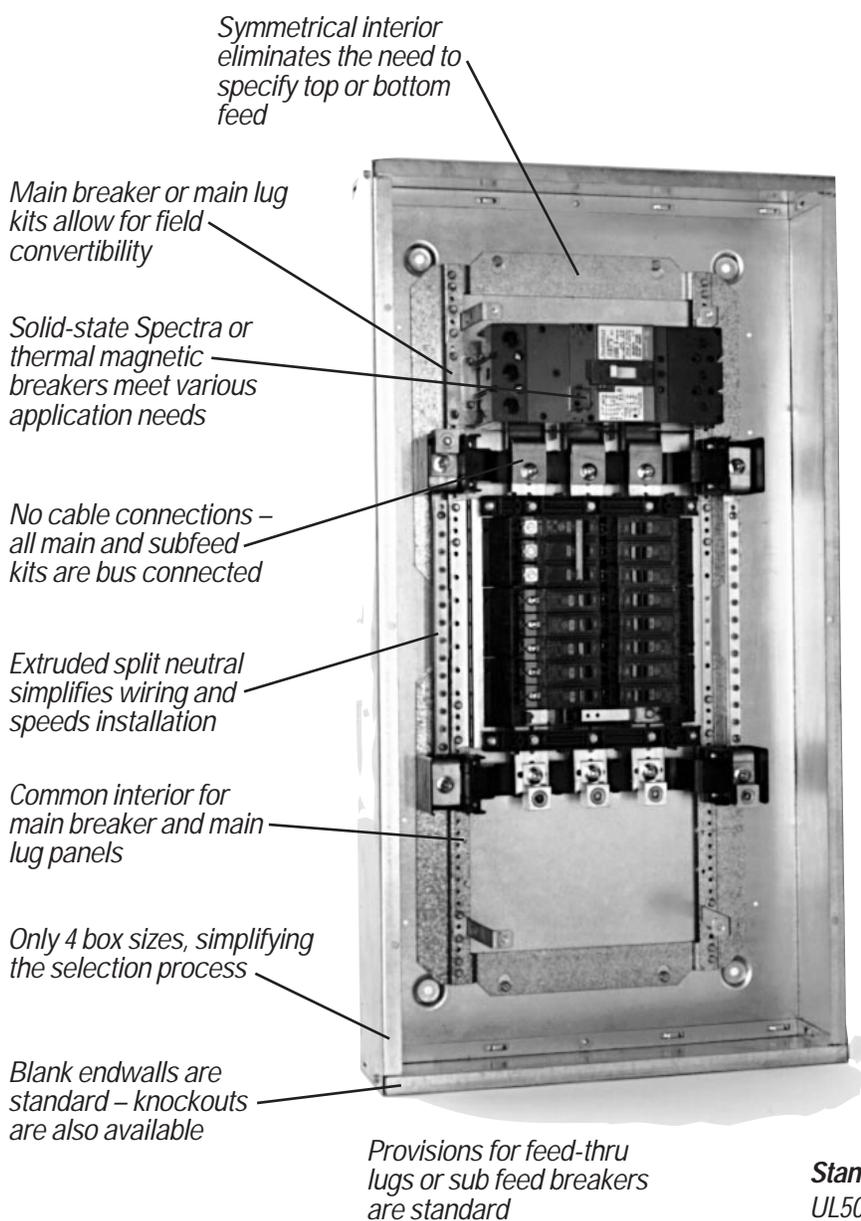## Pro-Stock™ Panelboards

A-Series® Lighting Panels

Unassembled
Bolt on, 225 Amperes
18, 30, 42 Branch Circuits
240Vac 1 or 3 Phase or 480Y/277Vac 3 Phase

- Symmetrical design allows for top or bottom feed with main breaker or main lugs

- Flexible family kits forms basis for over 1500 different lighting panels

- Accepts GE thermal magnetic or Spectra solid-state circuit breakers

- Feed-thru lugs or sub-feed breaker provisions are standard

- Modular kits allow field installation of 200% neutral, service entrance rating, breakers and lugs

Symmetrical interior eliminates the need to specify top or bottom feed

Main breaker or main lug kits allow for field convertibility

Solid-state Spectra or thermal magnetic breakers meet various application needs

No cable connections – all main and subfeed kits are bus connected

Extruded split neutral simplifies wiring and speeds installation

Common interior for main breaker and main lug panels

Only 4 box sizes, simplifying the selection process

Blank endwalls are standard – knockouts are also available

Provisions for feed-thru lugs or sub feed breakers are standard

Standards
UL50, Cabinets and Boxes
UL67, Panelboards
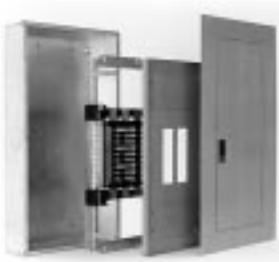UL489, Circuit Breakers
NEMA AB-1, Circuit Breakers
NEMA PB-1, Panelboards
US Federal Spec W-P-115b Panelboards
US Federal Spec W-C-375b/GEN Circuit Breakers

Pro-Stock™ Panelboards – An A-Series Lighting Panel

To assemble a Pro-Stock panelboard, select:
- interior (with box, front and ground)
- main breaker or lug kit
- subfeed breaker or feed-thru lug kit (if needed)
- 200% neutral kit (if needed)
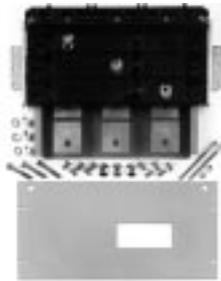- service entrance kit (if needed)

Interiors, Boxes and Fronts
225 amperes maximum, main lug only and main breaker

Type	Branch Spaces	Interior Copper Bus	Interior Aluminum Bus	Box[1]	Front[2]	Non Feed-Thru (Copper Only)	Box[1]	Front[2]	Equipment Ground[3] Terminal Strip[4] Qty Req	Terminal Lug[5] Qty Req
240Vac, 1-Phase, 3 Wire	18	AQU1182RCXAXT1B4	AQU1182RCXAXT1	AB37B	AF37*	AQU1182RCXAXB4	AB31B	AF31*	2	1
	30	AQU1302RCXAXT1B4	AQU1302RCXAXT1	AB43B	AF43*	AQU1302RCXAXB4	AB37B	AF37*	3	1
	42	AQU1422RCXAXT1B4	AQU1422RCXAXT1	AB49B	AF49*	AQU1422RCXAXB4	AB43B	AF43*	4	1
240Vac, 3-Phase, 3 or 4 Wire	18	AQU3182RCXAXT1B4	AQU3182RCXAXT1	AB37B	AF37*	AQU3182RCXAXB4	AB31B	AF31*	2	1
	30	AQU3302RCXAXT1B4	AQU3302RCXAXT1	AB43B	AF43*	AQU3302RCXAXB4	AB37B	AF37*	3	1
	42	AQU3422RCXAXT1B4	AQU3422RCXAXT1	AB49B	AF49*	AQU3422RCXAXB4	AB43B	AF43*	4	1
480Y/277Vac, 3-Phase, 4 Wire	18	AEU3182RCXAXT1B4	AEU3182RCXAXT1	AB37B	AF37*	AEU3182RCXAXB4	AB31B	AF31*	2	1
	30	AEU3302RCXAXT1B4	AEU3302RCXAXT1	AB43B	AF43*	AEU3302RCXAXB4	AB37B	AF37*	3	1
	42	AEU3422RCXAXT1B4	AEU3422RCXAXT1	AB49B	AF49*	AEU3422RCXAXB4	AB43B	AF43*	4	1

[1] Boxes come with blank endwalls. If endwalls with knockouts are required, also order knockout endwall kit AKEW2, List Price $21.00, GO-134B.
[2] Replace asterisk (*) in front catalog number with S for surface mount or F for flush mount front. Door-in-door and other fronts are also available.
[3] See GE BuyLog GEP-1100, Chapter 3 for a complete accessory list.
[4] Can use TGL2, EGS12 or see BuyLog GEP-1100, Chapter 13 for more information.
[5] Can use TGL20. When using isolated ground strips (EGS12) 3, 5, 7 terminal lugs are needed for 18, 30, 42 circuits, respectively.

Main or Sub-feed Breaker Kits
Main breaker not included

Panel Type	Amp Ranges	Circuit Breaker Type	Poles Number	Catalog
AE	15-100	TEY	3	MB423
	15-150	SE, TED[1]	3	MB123
	70-225	SF	3	MB223
AQ	15-125	THQB	2	MB612
	15-100	THQB	3	MB613
	15-150	SE	3	MB113
	70-225	SF	3	MB213
	100-225	TQD	2	MB512
	100-225	TQD	3	MB513

[1] TED is for sub-feed application only, not as main breaker.

200% Neutral Kits *(1 lug per kit)*

Lug Type	Catalog Number	Wire Range
Pressure	NKA	6-350 MCM
Compression	NKT	4-300 MCM
Copper Only	NKR	4-350 MCM

Service Entrance Rating Kits [1]

Description	Catalog Number
Bonding Strap Kit	BNDKT

[1] Distribution panels can have no more than 6 service disconnects.

Main or Feed-thru Lug Kits *(4 lugs per kit)*
For main lug or feed-thru applications — for both copper and aluminum bus interiors

Description	Pressure Lugs Wire Range Al/Cu	Catalog Number	Compression Lugs Wire Range Al/Cu	Catalog Number	Copper Only Lugs Wire Range Al/Cu	Catalog Number
Standard	6-350 MCM	MLA1	4-300 MCM	MLT1	4-350 MCM	MLR1
Oversize	4-600 MCM or (2) 1/0-250 MCM	MLA2	2/0-500 MCM	MLT2	1/0-600 MCM	MLR2

For more information:
DEZ-176   Pro-Stock Panelboards Recommended Stock List
DEP-104   Pro-Stock Panelboards Selection Guide
DEH-40007   A-Series Lighting Panel Rating Series Labels

GE Industrial Systems