

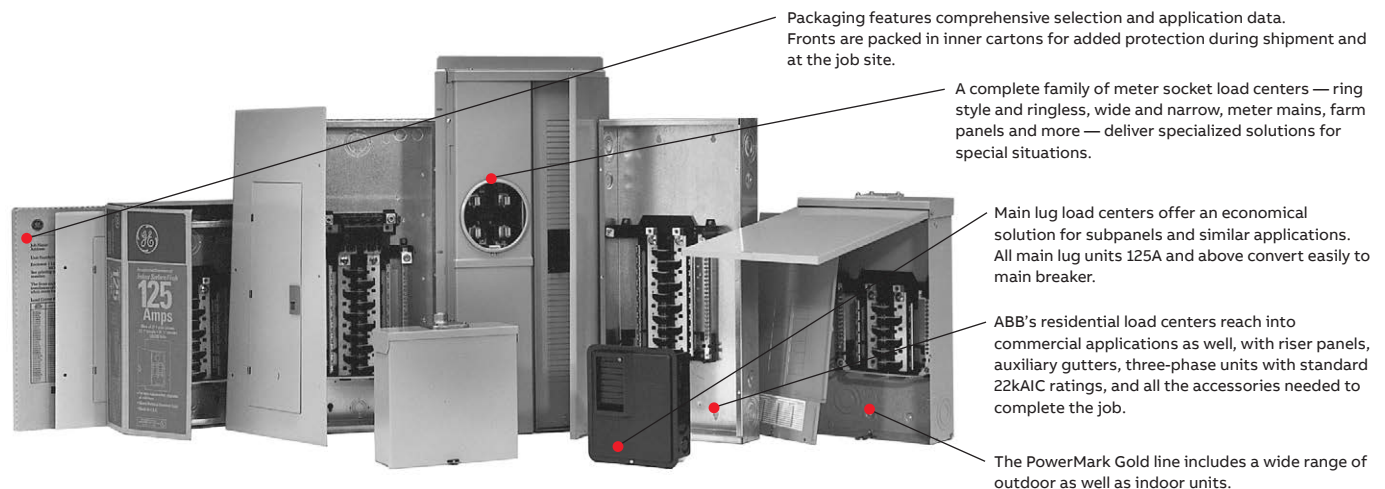
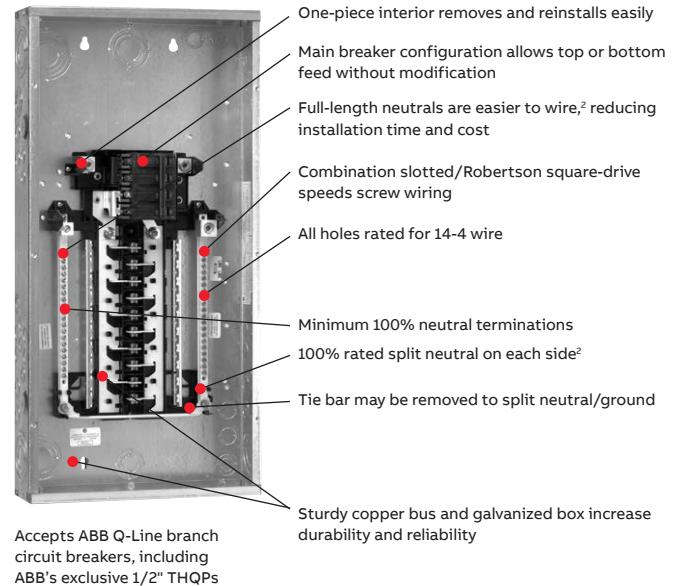
PowerMark Gold Load Centers

Highest Quality and Convenience

PowerMark Gold load centers lower your costs by making installation faster and easier, increasing application flexibility and reducing inventory requirements. At the same time, they deliver obvious and significant advances in design, function and quality.

- UL Listed (Panelboards No. 67)
- Service Barriers included for factory installed main circuit breaker and main circuit breaker kits (required to meet UL67 for service entrance applications)
- Suitable for Use as Service Entrance Equipment when installed in accordance with National Electrical Code
- 60°C/75°C Conductor Rating
- Single phase, 40-225A, 2-42 circuits
- Main lug models field convertible to main breaker
- Main breaker 22kAIC standard - factory installed
- All load centers top or bottom feed
- Indoor and outdoor rated enclosures
- Indoor fronts combination surface/flush
- Copper bus with tin plating standard¹
- Split neutrals extend the full length of the interior for ease of wiring
- Entire main lug line converts easily to main breaker
- Combination surface/flush front with spring-reinforced pan
- Combination slotted/Robertson square-drive screws on neutral,² ground, front and breaker lugs
- Front packed in inner carton for added protection

- Field installable feed-through lugs up to 200A
- Straight-through main wiring
- Main breaker is clearly marked and circuit numbers are stamped on front
- Isolated ground bar is available
- Compact box maintains optimum wire-bending space



Accessories and Options

- Door lock and handle
- Equipment ground kits
- Sub-feed and feed-thru lugs
- Front filler plates
- Handle lock and ties
- Hardware kits
- Main breaker retainers
- Neutral kits
- Universal raintight hubs

Safety accessories – convenient and easy to install

- THQLSURGE whole house surge protector
- Arc fault circuit interrupter breaker, 1- or 2-pole
- Ground fault circuit interrupter breaker, 5mA and 30mA
- Generator transfer panel – 30A or 60A, indoor or outdoor
- ABB AC disconnects
- Service Barrier Kits

¹ Three-phase PowerMark Plus load centers have aluminum bus with copper breaker mounting stabs.

² 16 circuit and above.

PowerMark Gold and Plus Load Centers

Product Number Guides

Product Number Guide for Load Centers

(Product number for illustrative purposes only)

	T	M	42	4	20	C	CU	B	
ABB Identification									Insert for Specials
									G or T = Factory installed ground bar
									B = Bottom feed main breaker
									FL = Factory installed feed-through lugs
									D = Optional door for 6-8 circuit panel. (Doors standard on all units 12 circuits or greater)
									W = White Front
Type									Insert for PowerMark Gold
M = Main breaker									CU = Copper Bus
L = Main lug									42 = Copper Bus Full 42 circuit panel
LM = Convertible									
PL = Main lug (Thermoplastic)									
Maximum Number 1" Spaces									
2, 4, 6...42									
Insert for 3-Phase 4-Wire Load Centers									Enclosure Type
									C = Combination surface/flush
									F = Flush
									S = Surface
									R = Outdoor
									Bus Ampere Rating
									40 = 40 Amps 20 = 200 Amps
									70 = 70 Amps 22 = 225 Amps
									10 = 100 Amps
									12 = 125 Amps
									15 = 150 Amps

Product Number Guide for Q-Line Plug-in Circuit Breakers

(Product number for illustrative purposes only)

	T	H	QL	1	1*	15	GFTS	
ABB Identification								Ground Fault/Arc Fault Circuit Interrupter
								AF2 = 1- & 2-pole Combination Arc Fault Circuit Interrupter
Interrupting Rating								GFEP = 1- & 2-pole Ground Fault with Equipment Protection Interrupter-30 mA
H = 10kAIC								GFT = 1- & 2-pole Ground Fault with Self-Test Feature Interrupter - 5 mA
HH = 22kAIC								DF = 1-pole Dual Function GFCI/AFCI Ground Fault & Combination Arc Fault Circuit Interrupter
X = 65kAIC								S = Short pig tail
Type								Ampere Rating
QL = 1" plug-in								
QP = 1/2" plug-in								
QB = 1" bolt-on								
								Voltage
								1 = 120/240V
								2 = 240V
Poles (1, 2, 3)								

*Omit character for THQP breakers, which are all 120/240V.

PowerMark Plus™ Load Centers

Three-Phase, Four-Wire, 208Y/120 Vac²
Main Lugs Factory Installed

Load Center
3PH
Main Lugs
Indoor NEMA 1

Product Features

- UL Listed (Panelboards No. 67)
- 60°/75°C Conductor Rating
- Suitable for Use as Service Entrance Equipment when Installed in Accordance with the National Electrical Code
- 22kAIC RMS symmetrical Short-circuit Rating Standard
- Bottom feed models available where noted with a “B” suffix.
- For a listing of CSA Listed load centers, visit electrification.us.abb.com.
- Copper breaker mounting stabs with aluminum bus¹



TL18415C

Indoor (NEMA 1) Enclosure

Main Ampere Rating	1 Pole, 1" Spaces	2 Pole, 1" Spaces	3 Pole, 1" Spaces	Total 1-pole Spaces	Front Type	Feed Type	Box Number	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit	Product Number
125	12	6	4	12	Combination Flush/Surface Front	Top Bottom	4	6-2/0	TGK12 (order separately) TGK24 (order separately)	TL12412C ³
150	18	8	6	18	Combination Flush/Surface Front	Top Bottom	7	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 (order separately) TGK32 (order separately)	TL18415C ³
150	24	12	8	24	Combination Flush/Surface Front	Top Bottom	7	1-3/0 (Cu), 2/0-3/0 (Al)	TGK24 (order separately) TGK32 (order separately)	TL24415C ³
200	18	8	6	18	Combination Flush/Surface Front	Top Bottom	8	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TL18420C ³
200	30	14	10	30	Combination Flush/Surface Front	Top Bottom	11	1-250 (Cu), 2/0-250 (Al)	TGK32 (order separately)	TL30420C ³
200	42	20	14	42	Combination Flush/Surface Front	Top Bottom	13	1-250 (Cu), 2/0-250 (Al)	TGK42 (order separately)	TL42420C
225	30	14	10	30	Combination Flush/Surface Front	Top Bottom	15	1-300 (Cu), 2/0-300 (Al)	(2) TGL2 (order separately)	TL30422C ⁴
225	42	20	14	42	Combination Flush/Surface Front	Top Bottom	15	1-300 (Cu), 2/0-300 (Al)	(2) TGL2 (order separately)	TL42422C ⁴

¹ Three-phase PowerMark Plus load centers have aluminum bus with copper breaker mounting stabs, providing copper-to-copper contact at breaker stabs.

² Also UL Listed for three-phase, four-wire 240/120 Volts ac delta and three-phase, three-wire 240 Volts ac branch breakers installed.

³ Alternate main breaker: 100 Amp max. THQL (10kAIC), THHQL (22kAIC) three-pole, use retainer THQLRK. See page 1-30.

⁴ Not suitable for use as service entrance equipment.

Note: See page 11-4, AL Series Lighting Panelboards as replacements for 300-600A load centers.