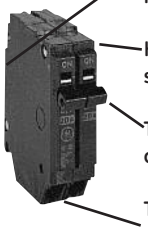
Special Purpose Circuit Breakers

—PowerMark Gold Main Circuit Breakers
—Arc Fault Circuit Interrupter
—Dual Function GFCI/AFCI Ground Fault & Combination Arc Fault Circuit Breaker
—Ground Fault with Self-Test Feature
—Ground Fault with Equipment Protection
—Switching Neutral
—HID Lighting Breaker
—High Magnetic Breaker
—Molded Case Switch
—Surge Arrester
—TQ Breaker



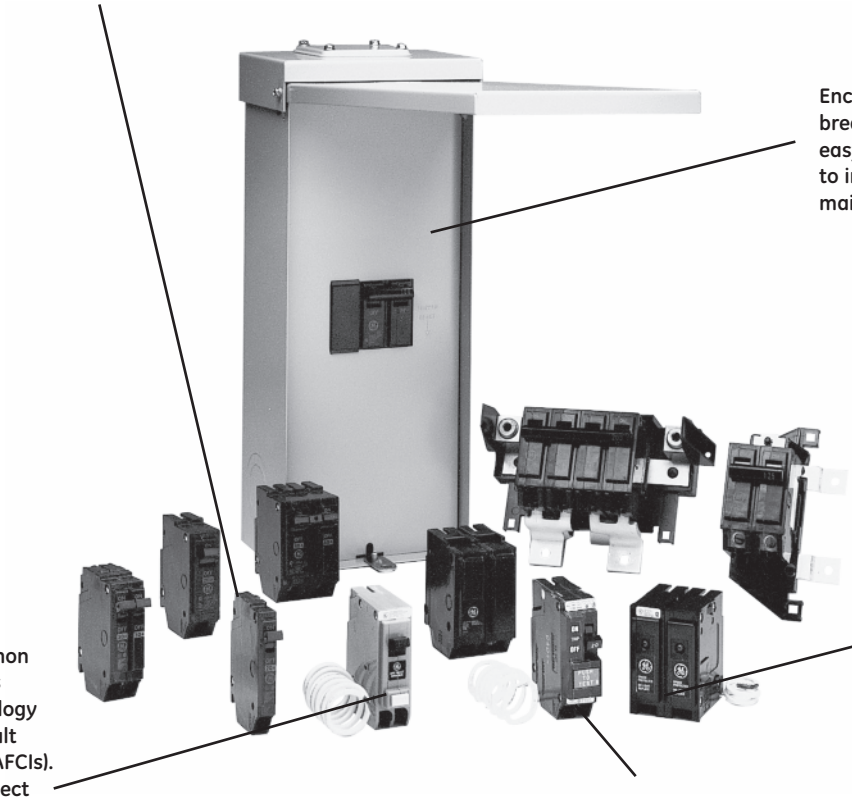
Copper stabs, tin-plated for corrosion resistance, make the connection reliable and permanent.

Heat-resistant thermoset cases and covers add stability and structural rigidity.

Trips are easy to spot because handles trip to the center position.

The dedicated calibration screw is cemented (not simply papered over) to prevent shifting. The result is stable calibration for optimum trip performance.

At 1/2", THQP breakers are half the width of standard breakers, permitting the use of smaller load centers that save money and space in both new construction and service upgrades. They feature the same high-performance design, and meet the same stringent standards as other Q-Line breakers. Our 1" THQL will remain the breaker of choice for many contractors. In applications where space and cost are not critical, they're an excellent choice. But when size and money are driving considerations, THQP breakers are the smart choice.



Enclosed circuit breakers make it easy and efficient to install exterior main breakers.

THQLSURGE surge arresters are easy to install and protect the whole house – computers, fax machines, televisions, stereos, VCRs and other sensitive electronic equipment – from destructive surges.

Maximum protection against all-too-common electrical fires comes from the new technology built into GE's arc fault circuit interrupters (AFCIs). With its ability to detect and interrupt arcing caused by damaged wire insulation or a frayed extension cord, the AFCI takes home and family protection to a new, higher level.

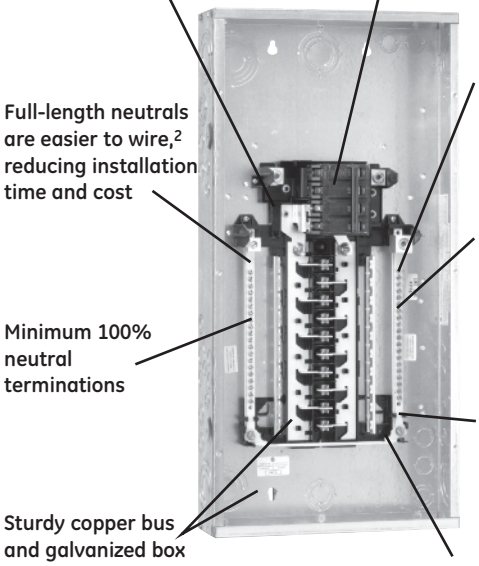
The NEC requires ground fault protection of receptacles outdoors and in garages, bathrooms and spa areas. These ground fault circuit interrupters eliminate the need for separate GFCI receptacles, protect against short circuits and overloads, and prevent shock by detecting very low levels of current leaks and immediately shutting off power to the circuit.

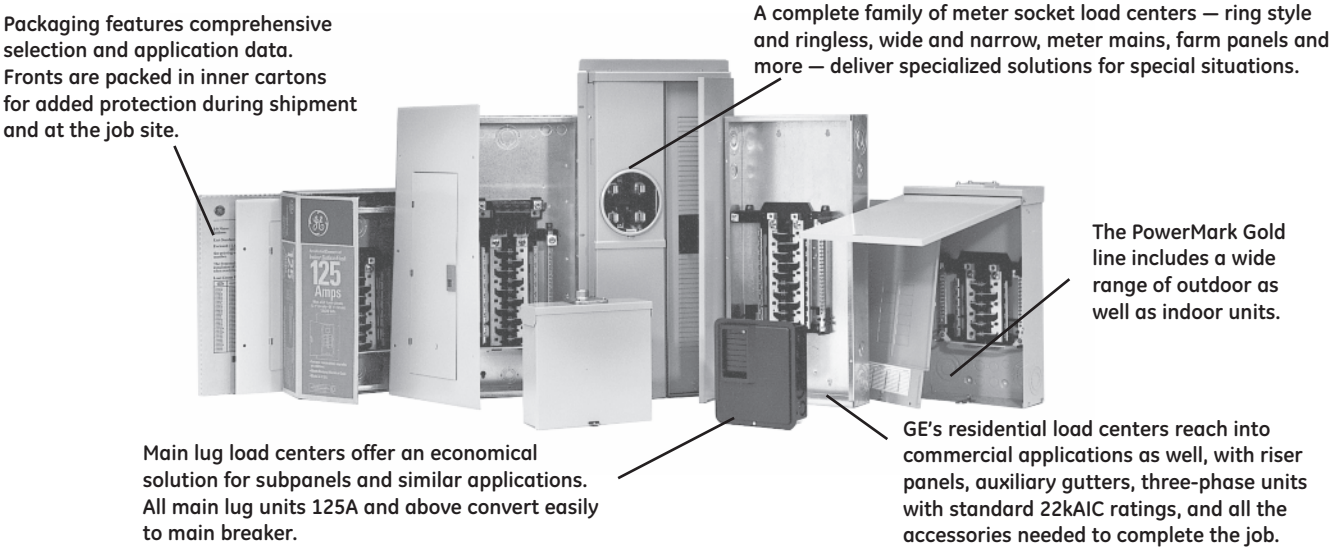
PowerMark Gold Load Centers

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)
—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 standard[1]
—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

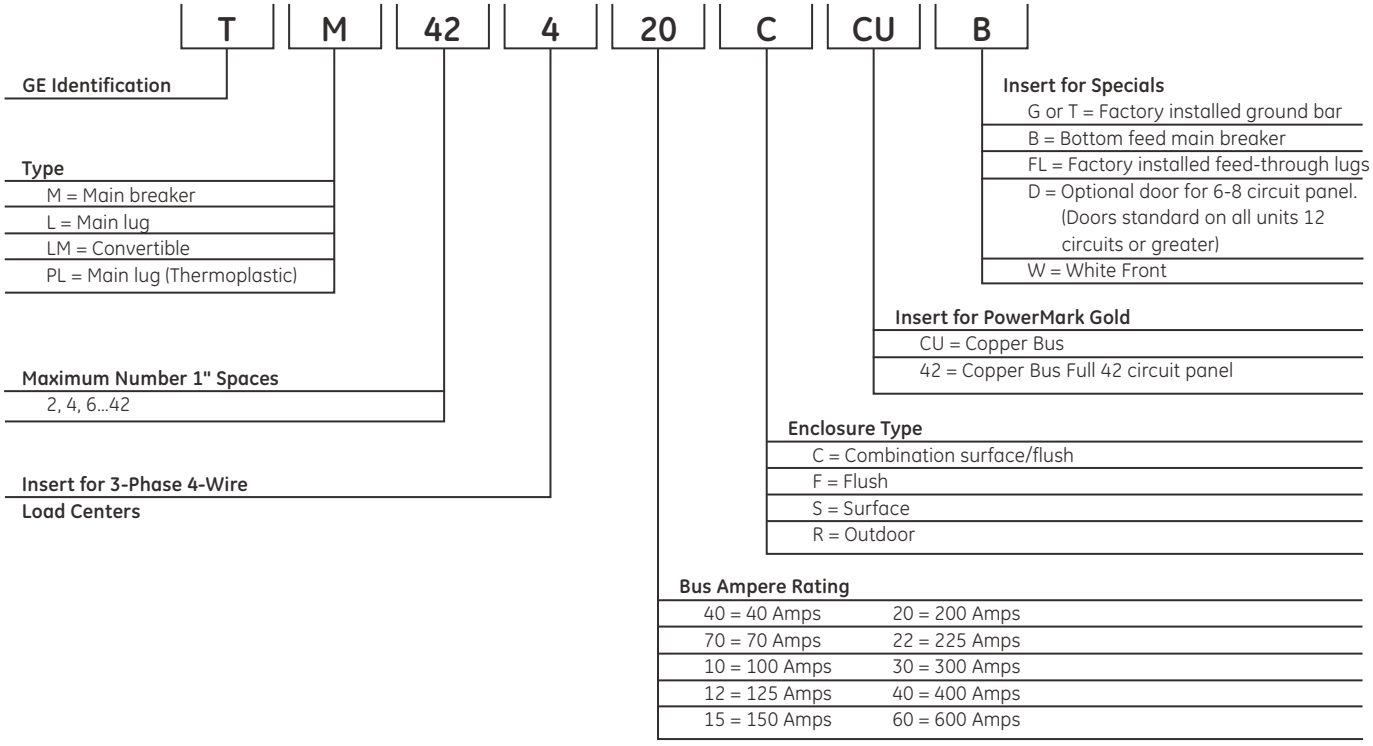
Safety accessories – convenient and easy to install

—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
—GE AC disconnects

[1]Three-phase PowerMark Plus load centers have aluminum bus with copper breaker mounting stabs.
[2]16 circuit and above.

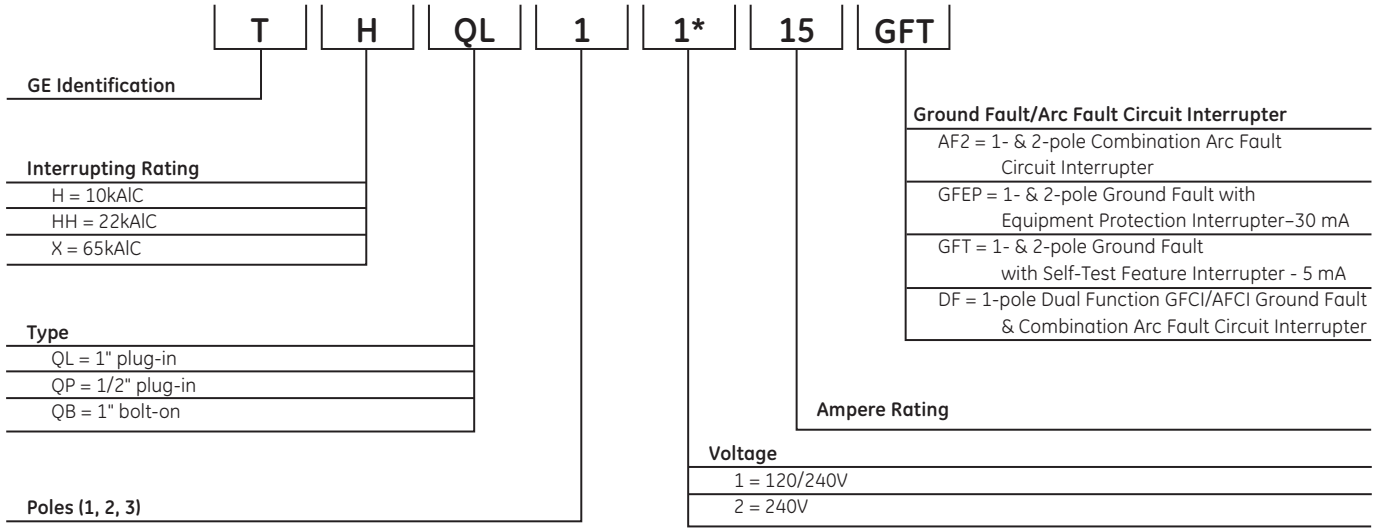
Product Number Guide for Load Centers

(Product number for illustrative purposes only)



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

(Product number for illustrative purposes only)



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

Ringless with Bypass - Xcel Energy

Main Ampere Rating	1 Pole, 1" Spaces	2 Pole, 1" Spaces	1 Pole, 1/2" Spaces	2 Pole, 1/2" Spaces	Total 1-pole Spaces	Enclosure Type	Main Type	Front Type	Bypass Type	UL Incoming	Agency Certification	Product Number
125	4	2	8	3	8	Outdoor (NEMA 3R)	MLO	Surface	Horn Bypass	OH/UG	Xcel/UL	TSLR412CSCU[1]
125	4	2	6	3	6	Outdoor (NEMA 3R)	MLO	Surface[1]	Lever Bypass	OH/UG	Xcel/UL	TSLB412CSCU[1]
125	12	6	24	10	24	Outdoor (NEMA 3R)	MB	Surface	Horn Bypass	OH/UG	Xcel/UL	TSMR1212CSCU[1]
125	12	6	24	12	24	Outdoor (NEMA 3R)	MB	Surface	Lever Bypass	OH/UG	Xcel/UL	TSMB1212CSCU[1]
150	4	2	8	3	8	Outdoor (NEMA 3R)	MB	Surface	Horn Bypass	OH/UG	Xcel/UL	TSMR415CSCU
150	20	10	40	18	40	Outdoor (NEMA 3R)	MB	Surface	Horn Bypass	OH/UG	Xcel/UL	TSMR2015CSCU[1]
150	20	10	40	18	40	Outdoor (NEMA 3R)	MB	Surface	Lever Bypass	OH/UG	Xcel/UL	TSMB2015CSCU[1]
200	4	2	6	3	6	Outdoor (NEMA 3R)	MLO	Surface[1]	Lever Bypass	OH/UG	Xcel/UL	TSLB420CSCU[1]
200	4	2	8	3	8	Outdoor (NEMA 3R)	MLO	Surface	Horn Bypass	OH/UG	Xcel/UL	TSLR420CSCU[1]
200	4	2	8	3	8	Outdoor (NEMA 3R)	MB	Surface	Horn Bypass	OH/UG	Xcel/UL	TSMR420CSCU
200	20	10	40	18	40	Outdoor (NEMA 3R)	MB	Surface	Horn Bypass	OH/UG	Xcel/UL	TSMR2020CSCU[1]
200	20	10	40	18	40	Outdoor (NEMA 3R)	MB	Surface	Lever Bypass	OH/UG	Xcel/UL	TSMB2020CSCU[1]

[1]Devices include removable closing cap. Order hub separately. See page 1-27.

Application Data

Product Number	Box Number	Unit Width (in inches)	Unit Height (in inches)	Depth (in inches)	Factory Inst. Svcs Disc	Main Wire Size (AWG/kcmil) Cu-Al	Equipment Ground Kit
TSLR412CSCU	R31	14-9/16	33-9/16	6-3/16	Field Installed[2]	6-350	TGK12 (order separately)
TSLB412CSCU	R12	14	23-1/2	4-7/8	Field Installed[2]	6-350	TGL1 installed
TSMR1212CSCU	R30	14-9/16	40-1/2	6-3/16	THHQL	6-350	TGK12 (order separately)
TSMB1212CSCU	R20	14-3/4	27-5/16	5-7/16	THHQL	12-2/0	TGK12 (order separately)
TSMR415CSCU	R31	14-9/16	33-9/16	6-3/16	THQMV	6-350	TGK12 installed
TSMR2015CSCU	R30	14-9/16	40-1/2	6-3/16	THQMV	6-350	TGK12 (order separately)
TSMB2015CSCU	R18	14-3/4	33	6-5/16	THQMV	1-300	TGK12 (order separately)
TSLB420CSCU	R14	14	30-3/4	5-3/4	Field Installed[2]	6-350	TGL1 installed
TSLR420CSCU	R31	14-9/16	33-9/16	6-3/16	Field Installed[2]	6-350	TGK12 (order separately)
TSMR420CSCU	R31	14-9/16	33-9/16	6-3/16	THQMV	6-350	TGK12 installed
TSMR2020CSCU	R30	14-9/16	40-1/2	6-3/16	THQMV	6-350	TGK12 (order separately)
TSMB2020CSCU	R18	14-3/4	33	6-5/16	THQMV	1-300	TGK12 (order separately)

[2]THQL and THHQL only. 125 amp max. TQDL is obsolete.