



- **Electric Vehicle Chargers**
- **Generator Panel Interlock**
- **Lighting Contactors**
- **Load Centers**
- **Modular Metering**
- **Panelboards**
- **Safety Switches**
- **Solar Solutions**
- **Transformers**

DISTRIBUTION EQUIPMENT

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LOAD CENTERS



SINGLE PHASE LOAD CENTERS 120V/240V

	Stock Number	DESCRIPTION
Main Breaker	G-E TM2010CCU	100Amp Main Circuit Breaker 20 Circuit
	G-E TM2020CCU	200Amp Main Circuit Breaker 20 Circuit
	G-E TM3210CCU	100Amp Main Circuit Breaker 32 Circuit
	G-E TM3215CCU	150Amp Main Circuit Breaker 32 Circuit
	G-E TM3220CCU	200Amp Main Circuit Breaker 32 Circuit
	G-E TM4020CCU	200Amp Main Circuit Breaker 40 Circuit
Main Lug	G-E TLM2412CCU	125Amp Main Lug Only 24 Circuit
	G-E TLM2020CCU	200Amp Main Lug Only 20 Circuit
	G-E TLM3220CCU	200Amp Main Lug Only 32 Circuit
	G-E TLM4020CCU	200Amp Main Lug Only 40 Circuit

THREE PHASE LOAD CENTERS 280Y/120V¹

	Stock Number	DESCRIPTION
Main Breaker	G-E TM18410C	100Amp Main Circuit Breaker 18 Circuit
	G-E TM42420C	200Amp Main Circuit Breaker 42 Circuit
	G-E TM42420R	200Amp Main Circuit Breaker 42 Circuit Raintight
Main Lug	G-E TL12412C	125Amp Main Lug Only 12 Circuit
	G-E TL18415C	150Amp Main Lug Only 18 Circuit
	G-E TL24415C	150Amp Main Lug Only 24 Circuit
	G-E TL30420C	200Amp Main Lug Only 30 Circuit
	G-E TL30420R	200Amp Main Lug Only 30 Circuit Raintight
	G-E TL42420C	200Amp Main Lug Only 42 Circuit
	TL42422C	225Amp Main Lug Only 42 Circuit

LOAD CENTER GROUND KITS

	Stock Number	DESCRIPTION
	G-E TGK12	12-Hole Ground Kit
	G-E TGK24	24-Hole Ground Kit
	G-E TGK42	42-Hole Ground Kit
	G-E TGKIS	Isolated Ground Bar Kit

LOAD CENTER CIRCUIT BREAKERS

	Stock Number	DESCRIPTION
Branch Breakers (THQL Style)	G-E THQL1115 thru 1150	1-Pole 15A-50A 120/240V Plug In
	G-E THQL2115 thru 21125	2-Pole 15A-125A 120/240V Plug In
	G-E THQL32015 thru 32100	3-Pole 15A-100A 240V Plug In
1/2" Branch Breakers (THQP Style)	G-E THQP115 thru 130	1-Pole 15A-30A 120/240V 1/2"
	G-E THQP215 thru 250	2-Pole 15A-50A 120/240V 1/2"
Arc Fault Branch Breakers	G-E THQL1115AF2	1-Pole 15Amp 120/240V Arc Fault
(AFCI)	G-E THQL1120AF2	1-Pole 20Amp 120/240V Arc Fault
	G-E THQL2115AF	2-Pole 15Amp 120/240V Arc Fault
	G-E THQL2120AF	2-Pole 20Amp 120/240V Arc Fault
Ground Fault Branch Breakers	G-E THQL1115GF	1-Pole 15Amp 120/240V GFI
	G-E THQL1120GF	1-Pole 20Amp 120/240V GFI
(GFI)	G-E THQL1130GF	1-Pole 30Amp 120/240V GFI
	G-E THQL2115GF1	2-Pole 15Amp 120/240V GFI
	G-E THQL2120GF1	2-Pole 20Amp 120/240V GFI
	G-E THQL2130GF1	2-Pole 30Amp 120/240V GFI
	G-E THQL2140GF1	2-Pole 40Amp 120/240V GFI
	G-E THQL2150GF1	2-Pole 50Amp 120/240V GFI
Surge Protection	G-E THQLSURGE	Plug In Surge Arrestor
	G-E THSASURGE60	Hard Wire Surge Arrestor
Generator Interlock ²	G-E THQLLX1	Generator Interlock Kit

¹ Also UL listed for 3P4W 240/120Vac Delta and 3P3W 240Vac

² Compatible with PowerMark Gold™ Mod 6 150-225A main breaker load centers

Indoor Load Centers

Features:

- Greater breaker capacity
- Improved safety features
- Easier installation, simpler knockout layout, adjustable depth mounting holes, centered key holes





LOAD CENTER ACCESSORIES



Compatible with any Mod 6 150-225A main breaker PowerMark Gold™ load center!

PowerMark Gold™ Generator Interlock Kit

Features:

- Converts any PowerMark Gold load center with a main breaker having a left-handle orientation to be used as a generator panel
- Interlocks 4-pole main breaker with 2-pole branch breakers in breaker positions 2-4
- Kit includes stainless steel interlock device, auxiliary main breaker retainer, assembly hardware, hole drill template, critical circuit identification labels
- UL listed
- Suitable for use in accordance with Article 702 of the National Electrical Code, ANSI/NFPA 70

With the PowerMark Gold Generator Interlock Kit, there's no need for a separate generator panel. The kit contains everything needed to make an existing load center a generator panel. It's quick and easy, it saves time and money!

Just install the kit in any new or existing 150-225A PowerMark Gold main breaker load center, with a main breaker having a left-handle orientation, and with a back-fed branch breaker mounted at top right. It's safe because it ensures that the main breaker is in the OFF position before the branch breaker is back-fed from the generator or vice versa.

G-E THQLLX1 - Kit includes:

- Interlock plate
- Base Plate
- Rivets
- Interlock label
- Hole drilling template
- Aux. breaker retainer
- Mounting hardware
- Instruction sheet DEH-41103

Whole-House Surge Protection

GE SurgePro™ AC surge protectors are designed for service entrance or subpanel locations. Each provides small, easy to install surge protection for the entire home or office. The protectors consist of multiple metal oxide varistors with internal thermal and overcurrent protection. An LED indicates the proper function of the protection elements.

The **THQLSURGE** conveniently connects inside the GE Powermark™ load center, directly onto the bus, like a circuit breaker, providing direct protection for the entire panel and all attached loads.

The **THSASURGE60** connects to a 2-pole 30 amp (or less) circuit breaker and can be mounted on the outside of any manufacturer's load center, making the THSASURGE60 a great addition to a new or existing load center.



LOAD CENTER ACCESSORIES



MAIN CIRCUIT BREAKER KITS

FOR USE WITH 150A - 225A LOAD CENTERS

22 KAIC RMS symmetrical. Includes mounting base.

Main Breaker Rating	Stock Number
100A	THQMV100D
125A	THQMV125D
150A	THQMV150D
175A	THQMV175D
200A	THQMV200D
225A	THQMV225D

FOR USE WITH 125A LOAD CENTERS

22 KAIC RMS symmetrical. Includes mounting base. For bottom feed, purchase TRL22 door handle

Stock Number	DESCRIPTION
THQMHO00	Order appropriate THQL* or THHQL breakers separately

*10 KAIC

GROUNDING & ISOLATED GROUND BUS BAR

4-14 CU/10-12 AL Wire Stock Number

Ranges Per Hole, Solid or Stranded)

4-Hole Ground	TGK4
12-Hole Ground	G-E TGK12
16 Hole Ground/Neutral	TGK8
24-Hole Ground	G-E TGK24
32-Hole Ground	G-E TGK32
42-Hole Ground	G-E TGK42
Isolated Ground Bus Bar Kit (Order with TGK Equipment Ground Kits)	G-E TGKIS
Isolated Ground Bar Feet (Order with TGK8)	TGKIS2

DOOR LOCK

Stock Number	Description
G-E TDL106	For all indoor load centers except TPL412

CIRCUIT DIRECTORY

Stock Number	Description
G-E TD42	Card and holder with pressure-sensitive backing mounts inside door

FRONT FILLER PLATES

To cover rectangular breaker knockouts

Stock Number	Description
THFILLER	Includes (2) 1/2" and (2) 1" filler plates

EQUIPMENT GROUND KITS

Number of Terminals			Stock Number
Small 14-8 Cu, 12-8 Al	Large 14-4 Cu, 12-4 Al	Other AWG/kc-mil Cu/Al	
4	3		G-E TGL1*
4	3		G-E TGL3*
8	6		G-E TGL2**
8	6		G-E TGL4**
10	2	(1) 14-2	G-E TGL8**
		(1) 6-2/0	G-E TGL20***

*TGL1 and TGL3 mount interchangeably. **TGL2, TGL4 and TGL8 mount interchangeably. ***Add-on equipment ground lug (for use on any TGL Kit).

MAIN BREAKER RETAINERS

FOR MAIN LUG LOAD CENTERS UTILIZING A BACK FED BRANCH BREAKER AS A MAIN

Load Center	Breaker	Stock Number
Travel Trailer	THQP	THQPSBK
TL (225A max.)	THQL	G-E THQLRK
	TQDL	TQDLRK
PowerMark Gold	THQL	G-E THQLRK1
	THQL	THQLRK2CP*
TM/TLM1212CCU Mod 2	THQL	THQLRK3CP

*For 6 or 8 circuit load centers

NEUTRAL AND NEUTRAL GROUND KITS

Description	Wire Size	Stock Number
Neutral	6-1 Cu/Al	TNLK12
Neutral	6-2/0 Cu/Al	TNLK20
Neutral	6-250 Cu/Al	TNLK250
Neutral/Ground	6-2/0 Cu/Al	G-E TLK20
Neutral/Ground	6-250 Cu/Al	G-E TLK250
Neutral/Ground	6-300 Cu/Al	TLK300

MAIN LUG KITS

Load Center Type	Wire Size AWG/kcmil Cu/Al	Ampere Rating	Stock Number
Power Mark Gold	6-2/0	125	TMLK125
	6-250	200	TMLK200
	6-300	225	TMLK225

Items listed with a G-E prefix are stocked at Viking Electric Supply. Note however, not all items are stocked at all locations



LOAD CENTER ACCESSORIES

UNIVERSAL RAIN TIGHT HUBS (ALUMINUM)

Nominal Conduit Diameter in Inches	Stock Number
3/4	G-E TC75
1	G-E TC100
1 1/4	G-E TC125
1 1/2	G-E TC150
2	G-E TC200
2 1/2	TC250
3	TC300
Closing Cap	TCCP



G-E TC75

4" BASE UNIVERSAL HUBS

Nominal Conduit Diameter in Inches	Stock Number
2	G-E TCU27
2 1/2	TCU28
3	TCU30
3 1/2	TCU35
4*	TCU40
4" Cover Plate	TCUP

*For 40 and 42 circuit units in R8 boxes only

DOOR HANDLES / LOCKS / TIES

Stock Number	Description	Breaker
DOOR HANDLES / LOCKING HANDLES		
TRL22	Universal 1PH and 3PH Door Handle	
G-E TQPPL	Handle Lock Padlocking, On or Off, Snap-on, Padlock not included	THQP
G-E THP100		THQL
G-E TQPL	Handle Lock - Non-Padlocking On or Off, Snap-on	THQP
G-E THL103		THQL
HANDLE TIES		
For Two Single-pole Breakers Pole*		
THT1	Solid Snap-on Trip Indicating	THQP
THT2	For 2 THQP's separated by 2 side-by-side THQPs	THQP
G-E THT104	Solid Snap-on. (Can also be used to create a 2-pole AFCI breaker by tying together two (2) 1-pole AFCIs)	THQL
TQHT1	Trip Indicating	THQL

*all multi-pole breakers have internal common trip



G-E TQPPL



G-E THT104

LOAD CENTER GENERATOR INTERLOCK KIT

Stock Number	Description
G-E THQLLX1	For use with PowerMark Mod6 150-225A Main Breaker Load Centers

LOAD CENTER HARDWARE & HARDWARE KITS

Stock Number	Description
TBS	One bond screw 100-200A
TBS22	Bond Screw 225A
THDWRKIT	20 Front mounting screws
THDWRKIT2	10 interior mounting screws



G-E THQLLX1

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LOAD CENTER REPLACEMENT FRONTS



SINGLE PHASE REPLACEMENT FRONTS

Main Amp Rating	Load Center Cat . No.	Mod. No.	Front Cat . No
60	TM860FCUGEN	M01	TMGPFC
	TM860SCUGEN	M01	TMGPSC
100	TM1210C24	M01	TLM12C24
	TM1210C24G	M01	TLM12C24
	TM1210CCU	M01	TM12FC
	TM1210CCU	M02	TLM12FD
	TM1210CCUG	M01	TM12FC
	TM1210CCUG	M02	TLM12FD
	TM2010CCU	M01	TM2010
	TM3210CCU	M01	TM3210
125	TLM1212C24	M01	TLM12C24
	TLM1212C24G	M01	TLM12C24
	TLM1212CCU	M01	TLM12BC
	TLM1212CCU	M02	TLM12BD
	TLM1212CCUG	M01	TLM12BC
	TLM1212CCUG	M02	TLM12BD
	TLM1612CCU	M01	TLM1612
	TLM2412CCU	M01	TLM2412
	TLM612FCU	M01	TLM6FC
	TLM612FCUD	M01	TLM6FCD
	TLM612SCU	M01	TLM6SC
	TLM612SCUD	M01	TLM6SCD
	TLM612SCUDG	M01	TLM6SCD
	TLM812FCU	M01	TLM8FC
	TLM812FCU	M01	TLM8SC
	TLM812FCUD	M01	TLM8FCD
	TLM812FCUDG	M01	TLM8FCD
	TLM812SCU	M01	TLM8SC
	TLM812SCUD	M01	TLM8SCD
	TLM812SCUDG	M01	TLM8SCD
	TM1212C24	M01	TLM12C24
	TM1212C24G	M01	TLM12C24
	TM1212CCU	M01	TM12FC
	TM1212CCU	M02	TLM12FD
	TM1212CCUG	M01	TM12FC
	TM1212CCUG	M02	TLM12FD
	TM1612CCU	M01	TLM1612
	TM1612CCUG	M01	TLM1612
	TM2412CCU	M01	TM24DC
150	TLM2015CCU	M01	TLM20BC
	TLM2015CCU	M06	TLM20BCD
	TLM2015CCU	M07	TLM2015
	TLM2415CCU	M01	TLM24DC
	TLM2415CCU	M06	TLM2415
	TM1615CCU	M01	TM16FC
	TM1615CCU	M06	TLM1620
	TM1615CCUG	M01	TM16FC
	TM1615CCUG	M06	TLM1620
	TM2015CCU	M01	TM20CX
	TM2015CCU	M06	TM20CXD
	TM2015CCU	M07	TLM2015
	TM2415CCU	M01	TM24EC
	TM2415CCU	M06	TLM2415
	TM2415CCUB	M01	TMB24BD
	TM3215C42	M06	TLM32C42
200	TM3215CCU	M01	TM32C
	TM3215CCU	M06	TLM3215
	TLM1620CCU	M01	TLM16BC
	TLM1620CCU	M06	TLM16BCD
	TLM1620CCU	M07	TLM1620
	TLM1620CCUG	M01	TLM16BC
	TLM1620CCUG	M06	TLM16BCD
	TLM1620CCUG	M07	TLM1620
	TLM2020CCU	M01	TLM20DC
	TLM2020CCU	M06	TLM20DCD
	TLM2020CCU	M07	TLM2020
	TLM2020CCUG	M01	TLM20DC

SINGLE PHASE REPLACEMENT FRONTS (CON'T)

Main Amp Rating	Load Center Cat . No.	Mod. No.	Front Cat . No
200 (continued)	TLM2020CCUG	M06	TLM20DCD
	TLM2020CCUG	M07	TLM2020
225	TLM3220C42	M07	TLM32C42
	TLM3220CCU	M01	TLM32AC
	TLM3220CCU	M06	TLM32ACD
	TLM3220CCU	M07	TLM32C42
	TLM3220CCUW	M06	TLM32ACWD
	TLM4020CCU	M01	TLM40AC
	TLM4020CCU	M06	TLM4020
	TLM4220CCU	M06	TLM4222
	TM1620CCU	M01	TM16GC
	TM1620CCU	M06	TM16GCD
	TM1620CCU	M07	TLM1620
	TM1620CCUG	M01	TM16GC
	TM1620CCUG	M06	TM16GCD
	TM1620CCUG	M07	TLM1620
	TM2020CCU	M01	TM20EC
	TM2020CCU	M06	TM20ECD
	TM2020CCU	M07	TLM2020
	TM2020CCUB	M01	TMB20BC
	TM2020CCUG	M01	TM20EC
	TM2020CCUG	M06	TM20ECD
	TM2020CCUG	M07	TLM2020
	TM2020CCUW	M07	TM20FWD
	TM3220C42	M06	TM32GCD
	TM3220C42	M07	TLM3220
	TM3220CCU	M01	TM32FC
	TM3220CCU	M06	TM32FCD
	TM3220CCU	M07	TLM3220
	TM3220CCUB	M01	TMB32C
	TM4020CCU	M01	TM40BC
	TM4020CCU	M06	TLM4020
	TM4020CCUB	M01	TMB40AC
	TM4220CCU	M06	TLM4222
225	TLM4222CCU	M01	TLM42CM
	TLM4222CCU	M06	TLM4222
	TLM2020CCUW	M06	TLM20ACWD
	TLM2020CCUW	M07	TLM20W

THREE PHASE REPLACEMENT FRONTS

Main Amp Rating	Load Center Cat . No.	Mod. No.	Front Cat . No
100	TM12410C	M02	TM12AC3
	TM18410C	M02	TM18AC3
125	TL12412C	M02	TL12AC3
	TM30412C	M03	TM30EC3
	TM30412CB	M03	TMB30BC3
150	TL18415C	M02	TL18BC3
	TL24415C	M02	TL24AC3
	TM24415C	M03	TM24DC3
	TM24415CB	M03	TMB24BC3
	TM30415C	M03	TM30EC3
	TM30415CB	M03	TMB30EC3
	TM42415C	M03	TM42DC3
	TM42415CB	M03	TMB42DC3
	TL18420C	M02	TL18DC3
	TL30420C	M02	TL30BC3
200	TL42420C	M02	TL42BC3
	TM24420C	M02	TM24DC3
	TM24420CB	M02	TMB24DC3
	TM30420C	M03	TM30DC3
	TM30420CB	M03	TMB30DC3
	TM42420C	M03	TM42EC3
	TM42420CB	M03	TMB42EC3
	TL30422C	M01	TL30AC3
225	TL42422C	M01	TL42AC3
	TM42422C	M02	TM42BC3
	TM42422CB	M02	TMB42BC3

Most of the items in the shaded rows are obsolete. In addition to ordering the replacement front with the largest model number, order a new THQMV (KR main). The catalog number will be THQMVXXXD where XXX is the main breaker amp rating. Example: THQMV200D for a 200A main breaker



SAFETY SWITCHES AT A GLANCE

NEMA TYPE ENCLOSURE	TYPE	30 A	60 A	100 A	200 A	400 A	600 A	800 A	1200 A
1	General Duty	2 & 3 Pole (Fusible) 240Vac							
		3 Pole (Non-Fusible) 240Vac							
	Heavy Duty	2 & 3 Pole (Fusible) 240Vac							
		2 Pole (Fusible & Non-Fusible) 600Vdc							
		3 Pole (Fusible & Non-Fusible) 600Vac							
	Double Throw	3 Pole (Non-Fusible) 240Vac & 600Vac							
		3 Pole (Fusible) 240Vac							
		3 Pole (Fusible) 600Vac							
3R	General Duty	2 Pole (Non-Fusible) 240Vac							
	Heavy Duty	2 & 3 Pole (Fusible) 240Vac							
		2 Pole (Fusible & Non-Fusible) 600Vdc							
		3 Pole (Fusible) 600Vac							
		3 Pole (Non-Fusible) 600Vac							
	Double Throw				3 Pole (Fusible) 600Vac				
					2 Pole (Non-Fusible) 120/240Vac				
		3 Pole (Non-Fusible) 240Vac							
		3 Pole (Fusible) 240Vac							
		3 Pole (Non-Fusible) 600Vac							
4/4X	Heavy Duty	2 & 3 Pole (Fusible) 240Vac							
		2 Pole (Fusible & Non-Fusible) 600Vdc							
		3 Pole (Fusible & Non-Fusible) 600Vac							
		3 Pole (Non-Fusible) 600Vac							
	Mill Duty	2 & 3 Pole (Fusible) 240Vdc							
		2 Pole (Fusible & Non-Fusible) 600Vdc							
		3 Pole (Fusible & Non-Fusible) 600Vac							
	5/12	Heavy Duty	2 & 3 Pole (Fusible) 240Vac						
2 Pole (Fusible & Non-Fusible) 600Vdc									
3 Pole (Fusible & Non-Fusible) 600Vac (also available in 3R)									
3 Pole (Non-Fusible) 600Vac									
12	Mill Duty	2 & 3 Pole (Fusible) 240Vdc							
		2 Pole (Fusible & Non-Fusible) 600Vdc							
		3 Pole (Fusible & Non-Fusible) 600Vac							

Safety Switch Nomenclature

TH N 3 3 6 1 J DC							
Switch Type	Fusing	Number of Wires	Number of Poles	Maximum Voltage Rating	Ampere Rating	Enclosure Type	Other Features
TG = General Duty TH = Heavy Duty	N = Non-Fusible (blank) = Fusible	2 = 2 wire system 3 = 3 wire system 4 = 4 wire system	2 = 2 Poles 3 = 3 Poles 6 = 6 Poles	2 = 240 Vac 6 = 600 Vac	1 = 30 amps 2 = 60 amps 3 = 100 amps 4 = 200 amps 5 = 400 amps 6 = 600 amps	(blank) = NEMA Type 1 J = NEMA 5/12 M = NEMA 12 MILL DUTY R = NEMA Type 3R SS = NEMA 4/4X (304SS) SS316 = NEMA 4/4x (316SS)	B = Bottom Feed CL = Copper Lugs DC = 600 Vdc Rated F = Vertically Hinged Door W = Viewing Window

Items listed with a G-E prefix are stocked at Viking Electric Supply; Note however, not all items are stocked at all locations

SAFETY SWITCHES



GENERAL DUTY

	Stock Number	DESCRIPTION
240V Fusible 3P4W	G-E TG4321	30A
	G-E TG4322	60A
	G-E TG4323	100A
	G-E TG4324	200A
	G-E TG4325	400A
	TG4326	600A
240V Non-Fusible 3P3W	G-E TGN3321	30A
	G-E TGN3322	60A
	G-E TGN3323	100A
	G-E TGN3324	200A
	TGN3325	400A
	TGN3326	600A

*Add R to Stock Number for Nema 3R.



HEAVY DUTY

	Stock Number	DESCRIPTION
240V Fusible 3P4W	G-E TH4321	30A
	G-E TH4322	60A
	G-E TH4323	100A
	G-E TH4324	200A
	TH3325	400A
	TH3326	600A
	TC72367	800A
	TC72368	1200A
600V Fusible 3P3W	G-E TH3361	30A
	G-E TH3362	60A
	G-E TH3363	100A
	G-E TH3364	200A
	G-E TH3365	400A
	TH3366	600A
	TC72367	800A
	TC72368	1200A
480V and 600V Non-Fusible 3P3W	G-E THN3361	30A
	G-E THN3362	60A
	G-E THN3363	100A
	G-E THN3364	200A
	G-E THN3365	400A
	THN3366	600A
	TC36367	800A
	TC36368	1200A

*Add R to Stock Number for Nema 3R.



EMERGENCY POWER TRANSFER SWITCHES

	Stock Number	DESCRIPTION
120/240 Volt AC, Non-Fusible 3 Wire SN	G-E TC10323R	Nema 3R 100A
	G-E TC10324R	Nema 3R 200A
240V, Non-Fusible 4 Wire SN	TC10424R	Nema 3R 200A



Items listed with a G-E prefix are stocked at Viking Electric Supply. Note however, not all items are stocked at all locations



SAFETY SWITCH ACCESSORIES

EQUIPMENT GROUND KITS

Switch Ampere Rating	Stock Number	Lug Wire Size (AWG/kcmil)	
		Copper	Aluminum
30-60	G-E TGL1	(4) 14-8	(4) 14-8
		(3) 14-4	(3) 6-4
100-200	TNG3	(3) 10/1/0	(3) 10/1/0
400-600	TGL6	(3) 2-250	(3) 2-250

NEUTRAL KITS - INSULATED, GROUNDABLE AND BONDABLE

Ampere Rating	Stock Number	Lug Wire Size (AWG/kcmil)	
		Copper	Aluminum
30	TNI21		
60	G-E TNIA62	12-2	12-2
100	TNIA63	10-1/0	10-1/0
200	G-E TNIA64	2-250	2-250
400	G-E TNI65	(1) 2-600 or (2) 1/0-250	(1)2-600 or (2) 1/0-250
400	TNI65A	(1)2-600 or (2) 1/0-250	(1)2-600 or (2) 1/0-250
600	TNI66	(2) 4-500	(2) 4-500

SEMI-DUST-TIGHT DOOR GASKET KITS

Switch Ampere Rating	Stock Number
30-100	THG106
200	THG107
400-600	THG108

ALUMINUM UNIVERSAL RAIN-TIGHT HUBS

For outdoor enclosures with removable closing caps

Nominal Conduit Diameter (in Inches)	Stock Number
3/4	G-E TC75
1	G-E TC100
1 1/4	G-E TC125
1 1/2	G-E TC150
2	G-E TC200
2 1/2	TC250
3	TC300
Closing Cap	TCCP

CLASS R FUSING KIT

For rejecting fuses other than Class R on 2- and 3-pole TG Type 1 and 3R safety switches. Filed Installable. UL Listed.

Switch Ampere Rating	Stock Number
30	TGRK12
60	TGRK22
100	TGRK32
200	TGRK42

SAFETY SWITCHES



Type TC Non-Fused (NEMA 1) and Outdoor (NEMA 3R)

Double-Throw Switches

- Designed for application where safety, high performance, and continuity of service are required.
- UL Listed. Products in this section have been tested by UL and shown to meet the construction and performance requirements of UL Standard Number 98, Enclosed and Dead Front Switches. Suitable for use in accordance with Article 702 of the National Electrical Code.
- Meet Federal Specification W-S-865C for enclosed switches; 30-200 amps, Type HD; 400-600 amps, Type LD.
- Meet or exceed NEMA Enclosed Switch Standard KS1 except paragraph 1-4.24 (withstand and short circuit) for Type HD 30-200 amps, Type GD 400-600 amps.
- 60°C and 75°C conductor ratings.
- Quick-make, quick-break mechanisms 30-200 amps; quick break mechanisms 400-600 amps.
- UL Service Entrance rated (NEMA 1 and NEMA 3R).



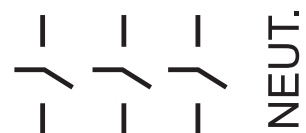
Three-pole, 240 Volts AC, 250 Volts DC, No Fuse



Three-pole, 600 Volts AC, 250 Volts DC, No Fuse



Three-wire SN, 120/240 Volts AC, No Fuse



Four-wire SN, 240 Volts AC, No Fuse

Type TC Outdoor Emergency Power Transfer Switches

- Designed for residential or light commercial applications where duty is not severe.
- UL Listed. Products in this section have been tested by UL and shown to meet the construction and performance requirements of UL Standard Number 98, Enclosed and Dead Front Switches.
- Meet or exceed NEMA Enclosed Switch Standard KS1 for Type GD.
- Suitable for use as service entrance equipment when installed in accordance with National Electrical Code.
- 60°C and 75°C conductor ratings.
- Not quick-make, quick-break

Type TDT Fusible Double-Throw Safety Switches

- TDT safety switches are suitable for use as service entrance equipment when either neutral kit DT200NK or ground lug kit DS200GK is installed. UL listed (no CSA or cUL).



SAFETY SWITCHES

SPEC-SETTER™ DOUBLE THROW SAFETY SWITCHES (TYPE TC, TDT - 240, 480, 600 V AC)

3-POLE, 240V AC, 250V DC, NO FUSE						
Ampere Rating	Enclosure Type	HP, 240 Vac, NEC Std. 3-Ph	HP, 480 Vac, NEC Std. 3-Ph	HP, 600 Vac, NEC Std. 3-Ph	Lug Wire Size, AWG/kcmil, Cu Only	Stock Number
30A	NEMA Type 1	2	-	-	14-8	TC35321
60A		3	-	-	14-4	TC35322
100A		7 1/2	-	-	14-1/0	TC35323
200A		15	-	-	6-250	TC35324
400A		30	-	-	(2)1/0-250 or #2-600	TC35325
600A		50	-	-	(2)3/0-350 or #2-600	TC35326 ²
30A	NEMA Type 3R	2	-	-	14-8	TC35321R
60A		3	-	-	14-4	TC35322R
100A		7.5	-	-	14-1/0	TC35323R
200A		15	-	-	6-250	TC35324R
400A		30	-	-	(2)1/0-250 or #2-600	TC35325R



Type TC Indoor Double-throw Switch

3-POLE, 600V AC, 250V DC, NO FUSE						
Ampere Rating	Enclosure Type	HP, 240 Vac, NEC Std. 3-Ph	HP, 480 Vac, NEC Std. 3-Ph	HP, 600 Vac, NEC Std. 3-Ph	Lug Wire Size, AWG/kcmil, Cu Only	Stock Number
30A	NEMA Type 1	10	10	10	14-4	Use 60A
60A		10	10	10	14-4	TC35362
100A		15	15	15	14-1/0	TC35363
200A		30	30	30	6-250	TC35364
400A		-	-	-	(2)1/0-250 or #2-600	TC35365 ^{1,2}
600A		-	-	-	(2)3/0-350 or #2-600	TC35366 ^{1,2}
30A	NEMA Type 3R	10			14-4	Use 60A
60A		10			14-4	TC35362R
100A		15			14-1/0	TC35363R
200A		30			6-250	TC35364R

240V, AC FUSIBLE									
Ampere Rating	Enclosure Type	HP, 240 Vac, Time Delay, 1-Ph	HP, 480 Vac, Time Delay, 1-Ph	HP, 600 Vac, Time Delay, 1-Ph	HP, 240 Vac, Time Delay, 3-Ph	HP, 480 Vac, Time Delay, 3-Ph	HP, 600 Vac, Time Delay, 3-Ph	HP, DC @250V	Stock Number
30A	NEMA Type 1	3	-	-	7 1/2	-	-	5	TDT3321
60A		10	-	-	15	-	-	10	TDT3322
100A		15	-	-	30	-	-	20	TDT3323
200A		15	-	-	60	-	-	40	TDT3324 ³
400A		-	-	-	125	-	-	50	TDT3325
600A		-	-	-	50	-	-	50	TDT3326 ⁴
30A	NEMA Type 3R	3	7 1/2	10	7 1/2	15	20	5	TDT3321R
60A		10	20	25	15	30	50	10	TDT3322R
100A		15	30	40	30	60	75	20	TDT3323R
200A		15	50	50	60	125	150	40	TDT3324R ³

600V, AC FUSIBLE									
Ampere Rating	Enclosure Type	HP, 240 Vac, Time Delay, 1-Ph	HP, 480 Vac, Time Delay, 1-Ph	HP, 600 Vac, Time Delay, 1-Ph	HP, 240 Vac, Time Delay, 3-Ph	HP, 480 Vac, Time Delay, 3-Ph	HP, 600 Vac, Time Delay, 3-Ph	HP, DC @250V	Stock Number
30A	NEMA Type 1	3	7 1/2	10	7 1/2	15	20	-	TDT3361
60A		10	20	25	15	30	50	-	TDT3362
100A		15	30	40	30	60	75	-	TDT3363
200A		15	50	50	60	125	150	40	TDT3364 ³
400A		-	-	-	125	250	350	50	TDT3365
30A	NEMA Type 3R	15	30	40	30	60	75	20	TDT3363R
60A		15	50	50	60	125	150	40	TDT3364R ³

¹ Not UL listed

² Not suitable for use as service equipment per NEC Article 702

³ 200 Amp switches move load base for Class J fuses

⁴ 600 Amp switch available in Class T fuse only.

SAFETY SWITCHES



THREE-WIRE SN, 120/240 V AC, NO FUSE - EMERGENCY POWER TRANSFER SWITCH

Ampere Rating	Enclosure Type	Poles	Lug Wire Size, AWG/kcmil, Cu/Al	Stock Number
100A	NEMA Type 3R	2	12-1	G-E TC10323R
200A		2	6-250	G-E TC10324R

FOUR-WIRE SN, 240 V AC, NO FUSE - EMERGENCY POWER TRANSFER SWITCH

Ampere Rating	Enclosure Type	Poles	Lug Wire Size, AWG/kcmil, Cu/Al	Stock Number
200A	NEMA Type 3R	3	6-250	TC10424R

ACCESSORIES FOR TDT-STYLE FUSIBLE DOUBLE-THROW SAFETY SWITCHES*

Accessory Type	Description	Stock Number
Control Pole	-	DS16CP
Electrical Interlocks	30-800 A, 1N	DS200EK1
Electrical Interlocks	30-800 A, 2N	DS200EK2
Neutral Kit	30-100 A	DT100NK
Neutral Kit	200 A	DT200NK
Neutral Kit	400-600 A	DT800NK
Class J Fuse Field Conversion Kit	400 A (600 V only)	DT400JK
Equipment Ground Kits	30-101 A Kit	DS100GK
Equipment Ground Kits	200 A Kit	DS200GK
Equipment Ground Kits	400-800 A Kit	DS468GK
Class R Fusing Kit - Field Installable	for 3 Poles 30 A (240V)	DS12FK
Class R Fusing Kit - Field Installable	for 3 Poles 30 & 60 A	DS16FK
Class R Fusing Kit - Field Installable	for 2 Poles 60 A (600V)	DS26FK
Class R Fusing Kit - Field Installable	for 3 Poles 100 A (240V & 600V)	DS36FK
Class R Fusing Kit - Field Installable	for 3 Poles 200 A (240V & 600V)	DS46FK
Class R Fusing Kit - Field Installable	for 3 Poles 400 A (240V & 600V)	DS56FK
Class R Fusing Kit - Field Installable	for 3 Poles 600 A (240V & 600V)	DS66FK
T Fuse Clip	for 3 Pole 200A (240V)	DS426TK
T Fuse Clip	for 3 Pole 200A (600V)	DS466TK
T Fuse Clip	for 1 Pole 400A (240V)	DS526TK ¹
T Fuse Clip	for 1 Pole 400A (600V)	DS566TK ¹
T Fuse Clip	for 1 Pole 600A (240V)	DS626TK ¹
T Fuse Clip	for 1 Pole 600A (600V)	DS666TK ¹
Conduit Hub - 3"	for 200A Type 3R (240V & 600V)	TC300

*Standard Delivery - 4 weeks

FOUR-WIRE SN, 240 V AC, NO FUSE - EMERGENCY POWER TRANSFER SWITCH

Accessory Type	Switch Amp Rating	Description	Voltage	Stock Number
Neutral Kits	30	(5) 1/0-14 with bond strap	240	TNK100
Neutral Kits	60	(5) 1/0-14 with bond strap	240	TNK100
Neutral Kits	100	(5) 1/0-14 with bond strap	240	TNK100
Neutral Kits	200	(5) 1/0-14 with bond screw	240	TNK200
Neutral Kits	400	(3) 2-600MCM with bond lug	240	TNK400
Neutral Kits	60	(5) 1/0-14 with bond strap	600	TNK100
Neutral Kits	100	(5) 1/0-14 with bond strap	600	TNK100
Neutral Kits	200	(5) 1/0-14 with bond screw	600	TNK200
Ground Kits	30	(4) 14-8 AWG CU or 12-8 AWG AL plus (3) 14-4 AWG CU or 6-4 AWG AL		G-E TGL1
Ground Kits	60	(4) 14-8 AWG CU or 12-8 AWG AL plus (3) 14-4 AWG CU or 6-4 AWG AL		G-E TGL1
Ground Kits	100	(3) #12-1/0 AWG CU/AL		TNG3
Ground Kits	200	(3) #12-1/0 AWG CU/AL		TNG3
Ground Kits	400	(3) #2-250MCM CU/AL		TGL6
Ground Kits	600	(3) #2-250MCM CU/AL		TGL6
Auxiliary Contact Kit (Field Installed)	30-600	Auxiliary Contact Kit - Field installed for NEMA 1 and NEMA 3R TC Switches		THAUXDT

Items listed with a G-E prefix are stocked at Viking Electric Supply. Note however, not all items are stocked at all locations



General Purpose Transformers

Advantages:

- Quiet performance - Unique core and coil design makes QL transformers among the quietest available
- No-weld design - Bolted coil terminations are more reliable than welded terminations, and they eliminate weld failures and problems associated with welding and weld splatter.
- Comprehensive factory testing assures quality - 100% factory tested for shorts and coil integrity; current and loss, voltage, impedance and noise.
- Easy, fast installation saves time - Single-piece front/back is easily removable for service. Accessible mounting flanges with front/back slotted mounting holes make installation easier
- Clear, comprehensive documentation and labeling enhance safety



TP1-HIGH EFFICIENCY TRANSFORMERS

	STOCK NUMBER	DESCRIPTION
(3Ph, 480V to 208/120V, AL 150°C)	G-E 9T83B3871	15 kVA
	G-E 9T83B3872	30 kVA
	G-E 9T83B3873	45 kVA
	G-E 9T83B3874	75 kVA
	G-E 9T83B3875	112.5 kVA
	G-E 9T83B3876	150 kVA

QL Transformer Selection Guide

Application	QL General Purpose	QL Ultra Efficient	QL K - Factor (K=4)	QL K - Factor (K=13)	QL K - Factor (K=20)	QL K - Factor (K=30)	QL Low Noise	QL Drive Isolation
AC or DC variable speed drives								■
Computer installations					■	■		
Critical care facilities					■	■	■	
Data processing equipment circuits					■	■		
HID lighting			■					
Hospital operating rooms					■	■		
Incandescent lighting	■		■					
Induction heaters			■					
Instrumentation					■	■		
LEED projects		■						
Maximum energy efficiency		■						
Motor generators (without solid state drives)	■		■					
Motors	■		■					
Multiple receptacle circuits in health care facilities				■				
Office buildings		■		■			■	
PLC & solid state controls			■					
Production or assembly line equipment				■				
Programmable controllers					■	■		
Rectifier outputs								■
Resistance heating	■		■					
Schools & classroom facilities		■		■			■	
SCR variable speed drives					■	■		
UPS with optional input filtering			■					
UPS without optional input filtering				■				
Welders			■					
X-ray equipment					■	■		

LEED is a registered trademark of the U.S. Green Building Council.

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PANELBOARD SELECTION GUIDE



Start your project fast with Pro-Stock Panelboards

Pro-Stock panelboards use **modular kits** that form hundreds of different panelboards, all available now from your distributor's stock. A range of interiors, boxes, fronts, kits and accessories give you everything you need to assemble the right panelboard, right now.

And not just any panelboard, either, but one that delivers:

- **Flexibility** – kits for main or subfeed breakers, main or feed-thru lugs, 200% neutrals and service entrance ratings
- **Simplicity** – one interior for top or bottom feed, main lug or main breaker
- **Choice** – either electronic trip or thermal magnetic breakers



Need to move fast?

Choose Pro-Stock panelboards and other Pro-Stock Projects products from Viking Electric Supply.

Pro-Stock Interiors Catalog Number Structure

AEU 1 18 2 RCXAX T1 B4

Interior Type	Phase	Number of Circuits	Maximum Amp Rating	Feed-Thru/Non Feed-Thru	Bus
AQU = 240Vac AEU = 480V/277Vac	1 = 1 Phase 3 = 3 Phase	18 = 18 circuits 30 = 30 circuits 42 = 42 circuits	2 = 225A 4 = 400A 6 = 600A	T1 = Feed-thru Blank = Non Feed-thru* (requires copper bus (B4) *For retrofit applications DEP-104	B4 = Copper Blank = Aluminum

Items listed with a G-E prefix are stocked at Viking Electric Supply. Note however, not all items are stocked at all locations



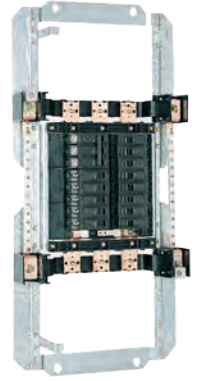
PANELBOARD SELECTION GUIDE

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	Amp Rating	No. of Circuits	Feed-thru		Non Feed-thru		TGL2 Ground Bars ^{2, 3}
			Stock Number ¹	Box/Front Height	Stock Number ¹	Box/Front Height	
240 Vac, 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"	—	—	2
		42	AQU1426RCXAXT1B4	76.5"	AQU1426RCXAXB4	64.5"	4
208/120 Vac, 3 Phase	100-225	18	AQU3182RCXAXT1B4	37.5"	AQU3182RCXAXB4	31.5"	2
		30	G-E AQU3302RCXAXT1B4	43.5"	AQU3302RCXAXB4	37.5"	3
		42	G-EAQU3422RCXAXT1B4	49.5"	AQU3422RCXAXB4	43.5"	4
	400	18	AQU3184RCXAXT1B4	64.5"	—	—	2
		42	G-E AQU3424RCXAXT1B4	76.5"	AQU3424RCXAXB4	64.5"	4
	600	18	AQU3186RCXAXT1B4	64.5"	—	—	2
		42	AQU3426RCXAXT1B4	76.5"	AQU3426RCXAXB4	64.5"	4
480/277 Vac, 3 Phase	100-225	18	G-E AEU3182RCXAXT1B4	37.5"	AEU3182RCXAXB4	31.5"	2
		30	G-E AEU3302RCXAXT1B4	43.5"	AEU3302RCXAXB4	37.5"	3
		42	G-E AEU3422RCXAXT1B4	49.5"	AEU3422RCXAXB4	43.5"	4
	400	18	AEU3184RCXAXT1B4	64.5"	—	—	2
		42	G-E AEU3424RCXAXT1B4	76.5"	AEU3424RCXAXB4	64.5"	4
	600	18	AEU3186RCXAXT1B4	64.5"	—	—	2
		42	AEU3426RCXAXT1B4	76.5"	AEU3426RCXAXB4	64.5"	4



Aluminum Bus					
Voltage	Amp Rating	No. of Circuits	Feed-thru		TGL2 Ground Bars ^{2,3}
			Stock Number ¹	Box/Front Height	
240 Vac, 1 Phase	100-225	18	AQU1182RCXAXT1	37.5"	2
		30	G-E AQU1302RCXAXT1	43.5"	3
		42	G-E AQU1422RCXAXT1	49.5"	4
208/120 Vac, 3 Phase	100-225	18	G-E AQU3182RCXAXT1	37.5"	2
		30	G-E AQU3302RCXAXT1	43.5"	3
		42	G-E AQU3422RCXAXT1	49.5"	4
480/277 Vac, 3 Phase	100-225	18	G-E AEU3182RCXAXT1	37.5"	2
		30	G-E AEU3302RCXAXT1	43.5"	3
		42	G-E AEU3422RCXAXT1	49.5"	4

Interior Type	No. of TGL20s Required by Panel Rating		
	100-225A	400A	600A
Main Lug Only	1	1	2
Main Lug & Feed-thru	2	2	4
Main Breaker Only	1	1	1
Main Breaker & Sub-feed	1	1	1
Main Breaker & Feed-thru	2	2	3

¹ For CSA label, add "M8" suffix to catalog number. Not available for 600A AEU catalog numbers.

² TGL20 Ground Lug Quantities.

³ 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. For more information, see BuyLog (GEP-1100), Section 9.

2. SELECT 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

Box Height	NEMA 1		NEMA 3R/12
	20" Wide	30" Wide	20" Wide
	Stock Number ¹	Stock Number ¹	Stock Number ¹
31.5"	G-E AB31B	AB31BW	AB313
37.5"	G-E AB37B	AB37BW	AB373
43.5"	G-E AB43B	AB43BW	AB433
49.5"	G-E AB49B	AB49BW	G-E AB493
64.5"	G-E AB64B	AB64BW	AB643
76.5"	G-E AB76B	AB76BW	AB763

¹ For CSA label, add "A" suffix to catalog number.



NEMA 1



NEMA 3R/12

Items listed with a G-E prefix are stocked at Viking Electric Supply. Note however, not all items are stocked at all locations

PANELBOARD SELECTION GUIDE



3. SELECT FRONT

Select a front of the correct height (see Step 1). For additional front options, see Section 9 of the BuyLog® Catalog (GEP-1100)

Front Height	Standard (20" wide)		Door Within Door (20" wide)		Front Hinged To Box (20" wide)		Standard (30" Wide)	
	Flush ¹	Surface ¹	Flush ¹	Surface ¹	Flush ¹	Surface ¹	Flush ¹	Surface ¹
31.5"	AF31F	G-E AF31S	AF31FP	AF31SP	AF31FD	AF31SD	AF31FW	AF31SW
37.5"	G-E AF37F	G-E AF37S	AF37FP	AF37SP	AF37FD	AF37SD	AF37FW	AF37SW
43.5"	G-E AF43F	G-E AF43S	AF43FP	AF43SP	G-E AF43FD	AF43SD	AF43FW	AF43SW
49.5"	G-E AF49F	G-E AF49S	AF49FP	AF49SP	G-E AF49FD	G-E AF49SD	AF49FW	AF49SW
64.5"	AF64F	AF64S	AF64FP	AF64SP	AF64FD	AF64SD	AF64FW	AF64SW
76.5"	G-E AF76F	G-E AF76S	AF76FP	AF76SP	AF76FD	AF76SD	AF76FW	AF76SW

¹ For CSA label, add "A" suffix to catalog number.

4. SELECT MAIN AND/OR SUB-FEED BREAKER KIT

Select a main breaker kit appropriate for your interior type (see Step 1), amp rating and kAIC rating. If a sub-feed breaker is required, repeat this selection process. Circuit breakers are only included in kits ending in "WB". "WB" kits include a breaker, mounting kit and load-side lugs; rating plugs sold separately.

Interior Type	Stock Number	Panel Amps	No. of Poles	Breaker Rating (kAIC)						
				10	14	22	25	65	100	200
AQU1: 240 VAC, 1 Phase	G-E MB612	100	2	THQB		THHQB				
	MB614	100	4	(2) THQB		(2) THHQB				
	G-E MB512	225	2	TQD		THQD				
	MB335WB	400	2					SGDA+Kit		
	MB332	400	2					SGHA	SGLA	SGPA
	MB332	600	2					SGHA	SGLA	SGPA
AQU3: 208/120 VAC, 3 Phase	MB332WB	600	2					SGHA+Kit		
	G-E MB613	100	3	THQB		THHQB				
	MB616	100	6 ⁵	(2) THQB		(2) THHQB				
	G-E MB513	225	3	TQD		THQD				
	MB516	400	6 ⁵	(2) TQD		(2) THQD				
	MB233	225	3					SFHA	SFLA	SFPA
	MB233WB	225	3					SFHA+Kit		
	MB2332 ⁴	400	6 ^{4,5}					2nd SFHA		
	MB2332WB ⁴	400	6 ^{4,5}					2nd SFHA+Kit		
	MB331WB	400	3					SGDA+Kit		
	MB333	400	3					SGHA	SGLA	SGPA
	MB333	600	3					SGHA	SGLA	SGPA
AEU3: 480/277 Vac, 3 Phase	MB333WB	600	3					SGHA+Kit		
	G-E MB423	100	3		TEY					
	MB426	100	6 ⁵		(2) TEY					
	MB133	150	3		TED ¹		THED			
	MB133	150	3				SEHA	SELA	SEPA	
	G-E MB133WB	150	3				SEHA+Kit			
	MB233	225	3				SFHA ³	SFLA	SFPA	
	G-E MB233WB	225	3				SFHA+Kit ³			
	MB2332 ⁴	400	6 ^{4,5}				2nd SFHA ³			
	MB2332WB ⁴	400	6 ^{4,5}				2nd SFHA+Kit ³			
	MB334WB	400	3				SGHA+Kit			
	MB333	400	3				SGHA ³	SGLA	SGPA	
	MB333	600	3				SGHA ³	SGLA	SGPA	
	MB333WB	600	3				SGHA+Kit ³			

¹ Actual breaker rating is 18kAIC

² Actual breaker rating is 30kAIC.

³ Actual breaker rating is 35kAIC.

⁴ To achieve 6 poles of subfeed, the MB233WB or MB233 kit is also required.

⁵ 6 poles of subfeed applies only to 400A and 600A interiors.



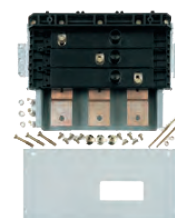
Door within Door



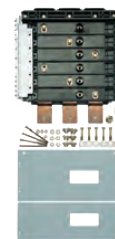
Standard



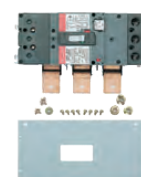
Front Hinged to Box



MB513 - Breaker Kit



MB516 - 6-pole Breaker Kit



MB233WB - "WB" Breaker Kit



PANELBOARD SELECTION GUIDE

5. TYPICAL MAIN BREAKERS

- Skip Step 5 if you selected a main breaker kit ending in "WB" – no breaker is required.
- To correlate breaker types with the kAIC rating, see the table for Step 4. For more rating details, see A-Series Lighting Panels Rating Series Labels (DEH-40007).
- All TQD and Spectra main breakers require load-side lugs.
- For TEY and THQB main breakers, see branch breakers tables in Step 7.

DIGITAL, SOLID STATE SPECTRA RMS™ BREAKERS (3-POLE)

For use with appropriate main breaker kit. See Step 4.

Breaker			Rating Plug ¹		Terminal Lugs for Front Connection ²	
Poles	Current Sensor	Stock Number	Amp Rating	Stock Number	Stock Number	Wire Range (Cu/Al)
3	100	G-E SEDA36AT0100 SEHA36AT0100 SELA36AT0100 SEPA36AT0100	100	G-E SRPE100A100	G-E TCAL18	#12-3/0
	150	SEDA36AT0150 SEHA36AT0150 SELA36AT0150 SEPA36AT0150	110 125 150	SRPE150A110 G-E SRPE150A125 G-E SRPE150A150		
	250	SFHA36AT0250 SFLA36AT0250 SFPA36AT0250	70 90 100 110 125 150 175 200 225	SRPF250A70 SRPF250A90 SRPF250A100 G-E SRPF250A110 SRPF250A125 G-E SRPF250A150 G-E SRPF250A175 G-E SRPF250A200 G-E SRPF250A225	G-E TCAL29	#8-350 MCM
3	400	SGHA36AT0400 SGLA36AT0400 SGPA36AT0400	125 150 175 200 225 250 300 350 400	SRPG400A125 SRPG400A150 SRPG400A175 SRPG400A200 SRPG400A225 SRPG400A250 SRPG400A300 SRPG400A350 SRPG400A400	TCLK365	Al: (2) 2/0-500 MCM or (1) #6-600 MCM Cu: (2) 2/0-400 MCM or (1) #8-600 MCM
2	400	SGHA26AT0400 SGLA26AT0400 SGPA26AT0400			TCLK265	
3	600	SGLA36AT0600 SGPA36AT0600	250 300 350 400 500 600	SRPG600A250 SRPG600A300 SRPG600A350 SRPG600A400 SRPG600A500 SRPG600A600	TCLK365	
2	600	SGLA26AT0600 SGPA26AT0600			TCLK265	

¹ Any rating plug within a given current sensor group may be paired with any breaker in that group.

² Except for "WB" kits, lugs must be ordered separately for Spectra breakers. All Spectra breakers also require an appropriate rating plug.

MAIN OR SUBFEED BREAKERS For use with AQ panels (208/120Vac 3-phase or 240Vac single phase). See Step 4.

Amp Rating	2-pole		3-pole	
	10kAIC	22kAIC	10kAIC	22kAIC
	Stock Number ¹	Stock Number	Stock Number ¹	Stock Number
100	TQD22100X2	THQD22100X2	TQD32100X2	THQD32100X2
125	TQD22125X2	THQD22125X2	TQD32125X2	THQD32125X2
150	TQD22150X2	THQD22150X2	TQD32150X2	THQD32150X2
175	TQD22175X2	THQD22175X2	TQD32175X2	THQD32175X2
200	TQD22200X2	THQD22200X2	TQD32200X2	THQD32200X2
225	TQD22225X2	THQD22225X2	TQD32225X2	THQD32225X2
250	–	TJD422250L2	–	TJD432250L3
300	–	TJD422300L2	–	TJD432300L3
350	–	TJD422350L2	–	TJD432350L3
400	–	TJD422400L2	–	G-E TJD432400L3

MAIN OR SUBFEED BREAKERS For use with AE panels (480/277Vac 3-phase). See Step 4.

Amp Rating	3-pole		
	18kAIC	25kAIC	30kAIC
	Stock Number	Stock Number	Stock Number
110	TED134110WL	THED134110WL	G-E MB233WB
125	G-E TED134125WL	THED134125WL	G-E MB233WB
150	G-E TED134150WL	THED134150WL	G-E MB233WB
175	–	–	G-E MB233WB
200	–	–	G-E MB233WB
225	–	–	G-E MB233WB
250	–	–	TJJ436250L3
300	–	–	TJJ436300L3
350	–	–	TJJ436350L3
400	–	–	TJJ436400L3

¹ Any load-side lugs on TQD breakers must be removed before assembly. TQD breakers with X2 catalog number suffix feature line-side lugs only. Use TQD breakers for X2 for main; no suffix for subfeed breaker.

Items listed with a G-E prefix are stocked at Viking Electric Supply. Note however, not all items are stocked at all locations

PANELBOARD SELECTION GUIDE



6. SELECT MAIN LUG KIT & ACCESSORIES

Select lug kit(s) for main lug and/or feed-thru applications, if required. Also select any accessories required. For details and prices on other available accessories, see Section 9 of the BuyLog® Catalog (GEP-1100).

- All lugs are suitable for interiors with either copper or aluminum bus.

Lug Type	Amp Rating	Standard		Oversized		200% Neutral
		Stock Number	Wire Range	Stock Number	Wire Range	Stock Number
Pressure	225	G-E MLA1	6-350 MCM	G-E MLA2	1-600 MCM or (2) 1/0-250 MCM	G-E NKA
	400	G-E MLA41	1-600 MCM or (2) 1/0-250 MCM	MLA62	3/0-800 MCM	NKA4 ³
	600	G-E MLA61	(2) 2/0-500 MCM	MLA62	3/0-800 MCM	—
Copper	225	G-E MLR1	4-350 MCM	MLR2	1-600 MCM	NKR
	400	MLR41	1-600 MCM	MLR61	(2) 2/0-500 MCM	NKR4
	600	MLR61	(2) 2/0-500 MCM	—	—	—
Compression	225	MLT1	2/0-300 MCM	MLT2	4/0-500 MCM	NKT
	400	MLT42	250-600 MCM	MLT41	500-750 MCM ¹	NKT4
Dual	225	G-E MLA2	1-600 MCM or (2) 1/0-250 MCM	—	—	—
Main	400	G-E MLA61	(2) 2/0-500 MCM	—	—	—

¹ 500 MCM Cu, 750 MCM Al

³ For 200% neutral feed-thru, order NKA4FT. Wire range (2) 2/0-600 MCM or (4) 4-250 MCM.

Accessories	
Service Entrance ¹	
Amp Rating	Stock Number
225A	G-E BNDKT
400A	BNDKT6
600A	BNDKT6

¹ Service entrance kit includes a bonding strap with hardware and a service entrance label.

ProCare Kit ²	
Description	Stock Number
ProCare Kit for Pro-Stock panel- board installation & maintenance	PROCARE

³ ProCare Kit includes:

(5) filler plate hardware kits
(9) bus stud nuts
(5) MLA1 filler plates
(2) 225A phase barriers
(2) feed-thru barriers
(1) 400/600A phase barrier
(50) directory cards/rating books

(50) circuit number strips (1-84)
(50) circuit number strips (85-168)
(5) standard locks & keys
(50) deadfront screws
(10) AQ/AE front hardware kits
(10) AD front hardware kits
(50) service disconnect labels
(50) main labels



PANELBOARD SELECTION GUIDE

7. SELECT BOLT-ON BRANCH BREAKERS

Typical branch breakers are listed below. This list does not include all branch breakers that can be used with Pro-Stock panelboards. For details on other branch breakers, see Section 9 of the BuyLog® Catalog (GEP-1100).

Branch Circuit Breakers For use with AQ panels (208/120Vac 3-phase or 240Vac single phase).

Amp Rating	10kAIC			22kAIC		
	1-pole	2-pole	3-pole	1-pole	2-pole	3-pole
	Stock Number	Stock Number	Stock Number	Stock Number	Stock Number	Stock Number
15	G-E THQB1115	G-E THQB2115	G-E THQB32015	THHQB1115	THHQB2115	THHQB32015
20	G-E THQB1120	G-E THQB2120	G-E THQB32020	THHQB1120	THHQB2120	THHQB32020
25	G-E THQB1125	G-E THQB2125	G-E THQB32025	THHQB1125	THHQB2125	THHQB32025
30	THQB1130	G-E THQB2130	G-E THQB32030	THHQB1130	THHQB2130	THHQB32030
35	G-E THQB1135	THQB2135	THQB32035	THHQB1135	THHQB2135	THHQB32035
40	G-E THQB1140	G-E THQB2140	G-E THQB32040	THHQB1140	THHQB2140	THHQB32040
45	THQB1145	THQB2145	THQB32045	THHQB1145	THHQB2145	THHQB32045
50	THQB1150	G-E THQB2150	G-E THQB32050	THHQB1150	THHQB2150	THHQB32050
60	THQB1160	G-E THQB2160	G-E THQB32060	THHQB1160	THHQB2160	THHQB32060
70	THQB1170	G-E THQB2170	G-E THQB32070	THHQB1170	THHQB2170	THHQB32070
80	–	THQB2180	G-E THQB32080	–	THHQB2180	THHQB32080
90	–	THQB2190	G-E THQB32090	–	THHQB2190	THHQB32090
100	–	G-E THQB21100	G-E THQB32100	–	G-E THHQB21100	THHQB32100

Branch Circuit Breakers For use with AE panels (480/277Vac 3-phase).

Amp Rating	14kAIC		
	1-pole	2-pole	3-pole
	Stock Number	Stock Number	Stock Number
15	G-E TEY115	G-E TEY215	G-E TEY315
20	G-E TEY120	G-E TEY220	G-E TEY320
30	G-E TEY130	G-E TEY230	G-E TEY330
40	TEY140	TEY240	G-E TEY340
50	TEY150	G-E TEY250	G-E TEY350
60	TEY160	TEY260	G-E TEY360
70	TEY170	TEY270	G-E TEY370
80	TEY180	TEY280	G-E TEY380
90	TEY190	TEY290	G-E TEY390
100	TEY1100	TEY2100	G-E TEY3100

8. SELECT INTEGRATED TRANQUELL ME TVSS

Select appropriate transient voltage surge suppressor – 65kA symmetrical fault withstand.

Maximum Surge Current	Configuration	Stock Number (Replace xxxx with selected nominal voltage from table below)
65kA per mode / 130kA per phase	Lights, Alarm, Surge Counter, Form C Contacts	TPMExxxx06PS
80kA per mode / 160kA per phase	Lights, Alarm, Surge Counter, Form C Contacts	TPMExxxx08PS
100kA per mode / 200kA per phase	Lights, Alarm, Surge Counter, Form C Contacts	TPMExxxx10PS
100kA per mode / 200kA per phase	Lights, Alarm, Contacts, No Surge Counter, No Filter	TPMExxxx10PSNC
100kA per mode / 200kA per phase	Lights, Alarm, Surge Counter, Contacts, No Filter	TPMExxxx10PSNF



Nominal Voltage (Volts RMS)	Configuration	MCOV%	Suppressed Voltage Rating	Stock Number Digits (Replace xxxx in table above)
		Max. Continuing Operating Voltage	UL 1449 2nd Edition L-N / L-G / N-G	
120/240	1 Phase, 3 Wire + Ground	125%	500 / 500 / 500	120S
120V/208	3 Phase, 4 Wire + Ground	125%	500 / 500 / 500	120Y
240 Delta	3 Phase, 3 Wire + Ground	115%	- / 800 / -	240D
120/240	Delta HL 3 Phase, 4 Wire + Ground	115%	500/700 / 500/700 / 500	240H
277Y/480	3 Phase, 4 Wire + Ground	115%	800 / 800 / 800	277Y

Items listed with a G-E prefix are stocked at Viking Electric Supply. Note however, not all items are stocked at all locations

LIGHTING CONTACTORS



CR460 SERIES LIGHTING CONTACTORS ASSEMBLY

STEPS	Stock Number	Description
Step 1	Combined with other appropriate components, basic contactors allow configuration into any available electrically or mechanically held model.	
Choose Basic Contactor	G-E 463L20AJA*	Base with 2NO Contacts
		AC 60 Hz Coil Voltage 115-120V
		AC 50 Hz Coil Voltage 110V
	G-E 463L20ANA*	Base with 2NO Contacts

* Includes one 2 NO open contact power pole.

Step 2	460 Series basic contactors accept up to 6 single- or double-pole power poles	
Select Power Poles	G-E 460XP31*	SINGLE POLE Maximum Amp Rating 30 Amp
	G-E 460XP32*	DOUBLE POLE Maximum Amp Rating 30 Amp

*12 NO poles when 6 double-poles are used in the NO positions (1-6) or *8 NC poles with 4 double poles in the NC positions (1-4)

+ 4 NO poles with 2 double-poles in the 2 NO positions (5-6).

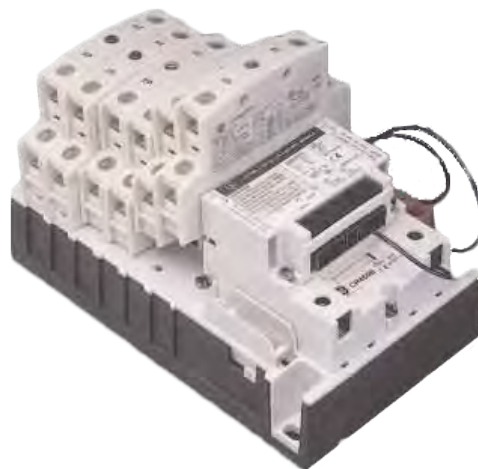
Step 3	Kits for converting electrically held contactors to a mechanically held version. Kits include control module, latch, latch cover and auxiliary contacts plus installation instructions. Conversion kits are suitable for coil voltages 277V and below. Use CPT to reduce coil voltage if line voltage is higher than 277V.	
Select Conversion Kit (for Mechanically Held Contactors Only)	G-E 460XMC*	24-277Vac Coil Volts, 2 wire control, 110-120Vac Control Volts
	460XMM*	24-277Vac Coil Volts, 3 wire control, 24Vac Control Volts
	G-E 460XMN*	24-277Vac Coil Volts, 3 wire control, 110-120Vac Control Volts

* Kits are used to convert electrically held contactors to a mechanical version. Kits includes control module, latch, latch cover and auxiliary contacts plus installation instructions.

Step 4	Each contactor may use one single or one double auxiliary contact block on each side of the base. When installed on the left side the contacts are NO, when installed on the right side the contacts are NC. This allows a total of 2NO + 2NC contacts maximum.	
Do You Need Auxiliary Contacts?	460XB1	One Pole
	460XB2	Double pole

* Each Contactor may use one single or one double auxiliary contact block on each side of the base. When installed on the left side the contacts are NO, when installed on the right side the contacts are NC.

Step 5	Enclosure accessory kits contain accessory and complete installation wiring and hardware. Some kits contain multiple nameplates for alternate markings.	
Do You Need an Enclosure?	G-E 460XE1B	Nema 1 Enclosure with no provisions for CPT or pilot device
Step 6		
Order Spare Coils if Required	G-E 460XCC	Coil Voltages: AC, 60HZ 24V AC, 50 HZ 20V
	G-E 460XCJ	Coil Voltages: AC, 60HZ 115-120V AC, 50HZ 110V
	460XCL	Coil Voltages: AC, 60HZ 200-208V ONLY
	G-E 460XCN	Coil Voltages: AC, 60 HZ 277V AC, 50 HZ 240V
	460XCS	Coil Voltages: AC, 60HZ 230-240V AC, 50 HZ 220V



460 Series Mechanically Held Lighting Contactors

Features:

- Two- or three-wire control module
- Low input VA permits long wire runs
- Verifies contact status and has built-in delays that minimize excessively frequent signals from faulty controllers
- Come in a wide range of input voltages and with coils from 24Vac to 277Vac and 12Vdc to 24Vdc
- Clear labeling shows control module rating, wire size and torque
- Field configurable from standard electrically held contactor with simple, easy-to-install kits of control modules, protected from latch mechanisms and auxiliary contacts

Items listed with a G-E prefix are stocked at Viking Electric Supply. Note however, not all items are stocked at all locations



ELECTRIC VEHICLE CHARGERS

GE's Electric Vehicle Chargers are suitable for both commercial and residential applications and offer Level II charging, which is capable of reducing charge time from 12-18 hours to 4-8 hours, with service needs of 208/240VAC at 40A, assuming a 24kWh battery and a full cycle charge.

Popular features and benefits include:

- Cord holder that keeps the cord organized and out of the way
- LEDs display status
- Pedestal mount (DuraStation and WattStation) or wall mount (WattStation)
- Options for Radio Frequency Identification (RFID) reader and/or commerce and card reader capability
- LED lights and display
- Nuisance tripping avoidance and auto reclosure.
- Vehicle ground monitoring circuit.

DuraStation standards and approvals:

SAE J1772, NEC 625, UL 2231, 2251, 2594, cUL 2231, 2594, NEMA and NIST

WattStation standards compliance:

SAE J1772, NEC 625, cETL and ETL listed, UL 2594, cUL 2594, NEMA and NIST, ADA Compliance

DURASTATION EV CHARGER					ACCESSORIES	
Stock Number	Type	Enclosure	Connectors	RFID	Stock Number	Description
EVS3N3	Single Pedestal	NEMA 3R	1	No	EVRP01	CM5321CL - 13.45MHz (comes with CD and pack of GE RFID cards)
EVS3RN3				Yes	EVRP02	CM5325CL USB reader - 125kHz (comes with CD)
EVDN3	Double Pedestal	NEMA 3R	2	No	EVRP03	RP40 (comes with CD and pack of GE cards)
EVDN3R3				Yes	EV100CD	CD with RFID EV100 software
EV3PN3	Pole	NEMA 3R	1	No	EVR3CW10	Pack of 10 white RFID cards
EV3PRN3				Yes	EVR3CG10	Pack of 10 GD-ensigned RFID cards
EV3WN3	Wall	NEMA 3R	1	No		
EV3WRN3				Yes		

All units are 208/240V, 30A out, single phase integrated meter



DuraStation

WATTSTATION EV CHARGERS	
Stock Number	Description
EV3SWBH	Wall Mount, black hardwired, NEMA 3R
EV3SWBC	Wall Mount, black NEMA 6-50P plug, NEMA 3R
EV3WPR3GEXXGB	Pedestal Assembly - CAT5 (ethernet only)
EV3WPR3GWXXGB	Pedestal Assembly - WiFi + CAT5
EV3WPR3GZXGB	Pedestal Assembly - Cellular CDMA for Verizon + CAT5
EV3WPR3GFXXGB	Pedestal Assembly - Cellular GSM for Vodafone + CAT5
EV3WT3GREXXGB	Head ASM - CAT5 (ethernet only)
EV3WT3GRWXXGB	Head ASM - WiFi + CAT5
EV3WT3GRZXGB	Head ASM - Cellular CDMA for Verizon + CAT5
EV3WT3GRFXGB	Head ASM - Cellular GSM for Vodafone + CAT5
EV3WSDR01	Service access door
EV3WSKEY01	Service door keys
EV3WSCR01	Cord reel
EV3WSBRH01	Cord reel brushes
EV3WSBL01	Cord reel bellows
EV3WSINL01	Inlet
EV3WSFSB01	Fuse block
EV3WSIPR01	IP Address reset harness
EVR3CG50	Pack of 10 GE RFID Cards
EV3WSETS01	4 Port Ethernet Switch
EV3WSPWR01	24V Power Supply
EV3WSMNT01	Mounting hardware
EVRP01	RFID enrollment reader CM5321CL USB – 13.45MHz
EVRP02	RFID enrollment reader CM5325CL USB – 125kHz



Pedestal WattStation



Residential Wall Mount WattStation

Contact your Viking Electric Supply sales representative for additional information.

Items listed with a G-E prefix are stocked at Viking Electric Supply. Note however, not all items are stocked at all locations

EVERGOLD™ SOLAR SOLUTIONS



GE's EverGold™ Solar Duty Safety Switches are designed for use in commercial and residential negative grounded photovoltaic systems. UL listed for 600Vdc, they are designed for use as a disconnect for photovoltaic applications per NEC 690.

- G-90 galvanized steel enclosures for prolonged enclosure life
- White powder coat finish for reduced internal operating temperature and easy identification
- 3-point enclosure mounting helps reduce installation time
- Lockable over center cover latches (Type 3R) for waterproof protection and security
- Easy access cover interlock defeat mechanism for security and maintenance
- Vertically hinged "side-swing" cover for easy access to electrical connections
- Ample gutter space (top, bottom, side) helps reduce wiring time
- Highly visible bright yellow operating handle with fireman-friendly grip
- Bright yellow PV disconnect arc shield helps guard against accidental contact with live parts
- Bright red PV disconnect (NEC 690.17) warning label is factory installed
- Factory installed Class R fuse clips on center pole for isolation per NEC requirements
- Factory installed negative and equipment ground connections



600VDC EVERGOLD™ SOLAR DUTY SAFETY SWITCHES

Amps	Isc Rating - Amps (NEC)	One-Pole, 600Vdc, Non-Fusible		One-Pole, 600Vdc, Fusible	
		Type 1	Type 3R	Type 1	Type 3R
30	19.2	TSN161	TSN161R	TS161	TS161R
60	38.4	TSN162	TSN162R	TS162	TS162R
100	64.0	TSN163	TSN163R	TS163	TS163R

GE's EverGold™ Combiner Boxes offer a wide selection of circuit count and box styles to simplify solar system installations. Choose from our standard NEMA 3R box or our innovative NEMA 4X fiberglass enclosure. Both box options feature gasketed seals that offer increased protection from the elements and easy installation.

- NEMA 3R Steel & NEMA 4X Fiberglass Enclosures
- Touch Safe Fuse Holders
- 12 & 24 Input Terminals
- 30A maximum fuse capacity per terminal
- 60VDC rating
- 90C Output Terminals
- UL-1741 Listed



EVERGOLD™ SOLAR COMBINER BOX 12 & 24 CIRCUITS FUSED

Stock Number	Number of Inputs	Maximum Fuse Size	Max Rated Current	Volts Maximum	Number of Outputs	Input AWG	Output AWG	Enclosure Type	Dimensions (in.) H / L / W	Weight (lb.)
TSCF126R	12	30 Amps	180 Amps	600VDC	1	#14-6	#6-350kcmil	3R	21.0x12.5x4.2	20
TSCF246R	24	30 Amps	360 Amps	600VDC	2	#14-6	#6-350kcmil	3R	21.0x12.5x4.2	20
TSCF126X	12	30 Amps	180 Amps	600VDC	1	#14-6	#6-350kcmil	4X	16.1x14.3x9.0	17
TSCF246X	24	30 Amps	360 Amps	600VDC	2	#14-6	#6-350kcmil	4X	18.0x16.0x9.0	19



GE PART NUMBER NOMENCLATURE

Pro-Stock Panelboard Interiors

AEU 1 18 2 RCXAX T1 B4

Interior Type	Phase	Number of Circuits	Maximum Amp Rating	Feed-Thru/Non Feed-Thru	Bus
AQU = 240Vac AEU = 480V/277Vac	1 = 1 Phase 3 = 3 Phase	18 = 18 circuits 30 = 30 circuits 42 = 42 circuits	2 = 225A 4 = 400A 6 = 600A	T1 = Feed-thru Blank = Non Feed-thru* (requires copper bus (B4) *For retrofit applications DEP-104	B4 = Copper Blank = Aluminum

Spec Setter™ Safety Switches

TH N 3 3 6 1 J DC

Switch Type	Fusing	Number of Wires	Number of Poles	Maximum Voltage Rating	Ampere Rating	Enclosure Type	Other Features
TG = General Duty TH = Heavy Duty	N = Non-Fusible (blank) = Fusible	2 = 2 wire system 3 = 3 wire system 4 = 4 wire system	2 = 2 Poles 3 = 3 Poles 6 = 6 Poles	2 = 240 Vac 6 = 600 Vac	1 = 30 amps 2 = 60 amps 3 = 100 amps 4 = 200 amps 5 = 400 amps 6 = 600 amps	(blank) = NEMA Type 1 J = NEMA 5/12 M = NEMA 12 MILL DUTY R = NEMA Type 3R SS = NEMA 4/4X (304SS) SS316 = NEMA 4/4x (316SS)	B = Bottom Feed CL = Copper Lugs DC = 600 Vdc Rated F = Vertically Hinged Door W = Viewing Window

Load Centers

T M 42 20 C CU B

GE Identification	Type	Maximum Number of 1" Spaces	Bus Ampere Rating	Enclosure Type	Bus Type	Insert for Specials
T	M = Main Breaker L = Main Lug LM = Convertible PL = Main Lug Thermoplastic Enclosure	4 - 42	10 = 100 amps 12 = 125 amps 15 = 150 amps 20 = 200 amps 22 = 225 amps 40 = 40 amps 60 = 60 amps 70 = 70 amps	C = Combination Flush and Surface, Indoor F = Flush S = Surface R = Outdoor	CU = Copper Bus	G or T = Factory Installed Ground Bar B = Bottom Feed Main Breaker FL = Factory Installed Feed-thru Lugs D = Optional door for 6-8 circuit indoor panels. (Doors are standard on all other units)

Items listed with a G-E prefix are stocked at Viking Electric Supply; Note however, not all items are stocked at all locations

NOTES

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451 Industrial Blvd. NE - Minneapolis, MN 55413

BAXTER, MN 56425

7650 Goedderz Road
PH 218-828-0151
FX 218-828-0399

BLAINE, MN 55449

8844 West 35W Service Dr.
PH 763-572-0250
FX 763-572-0367

BURNSVILLE, MN 55337

2601 West Hwy. 13
PH 952-890-8420
FX 952-882-0201

DULUTH, MN 55807

4531 West 1st St.
PH 218-624-2200
FX 218-624-0209

GRAND RAPIDS, MN 55744

807 Lily Lane
PH 218-326-5802
FX 218-326-5875

MINNEAPOLIS, MN 55413

451 Industrial Blvd.
PH 612-627-1300
FX 612-627-1313

PLYMOUTH, MN 55441

13870 Industrial Park Blvd.
PH 763-383-2929
FX 763-383-2930

ST. PAUL, MN 55101

500 Broadway
PH 651-298-0666
FX 651-298-0665

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