Residential Load Centers and Circuit Breakers

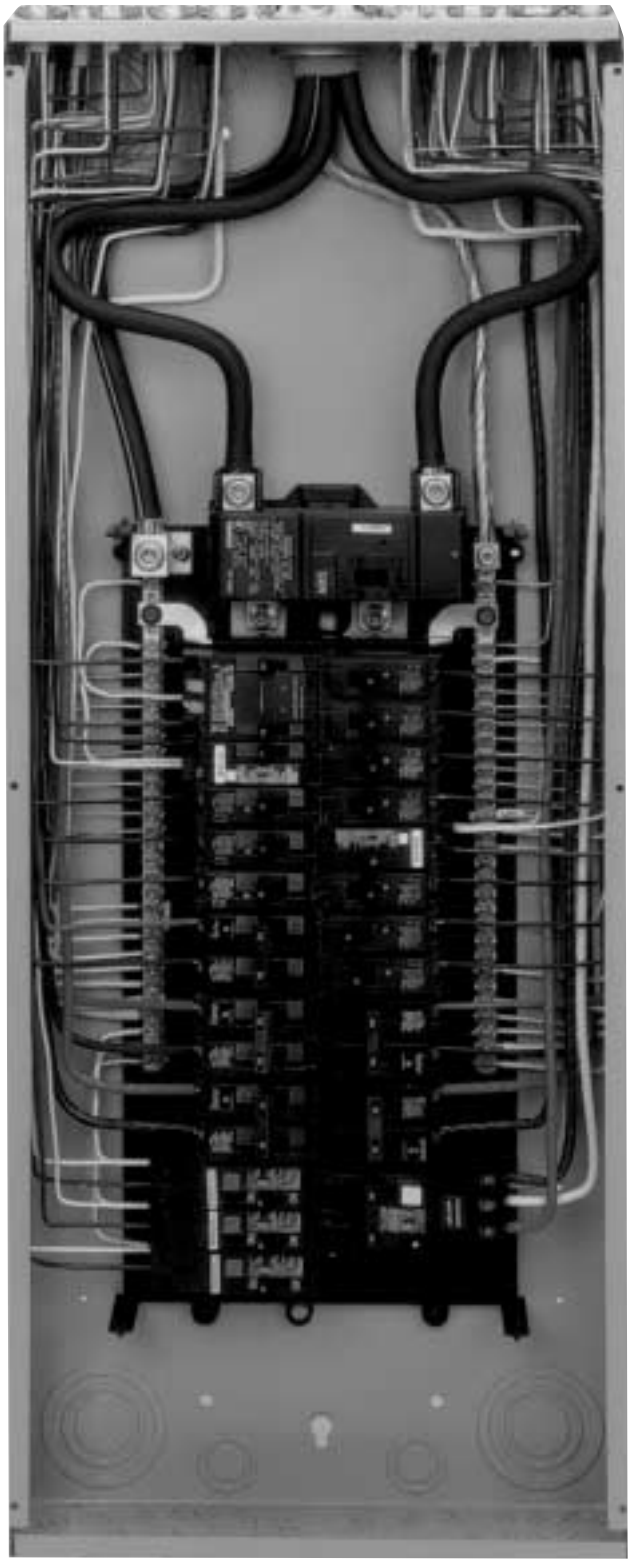
product GUIDE

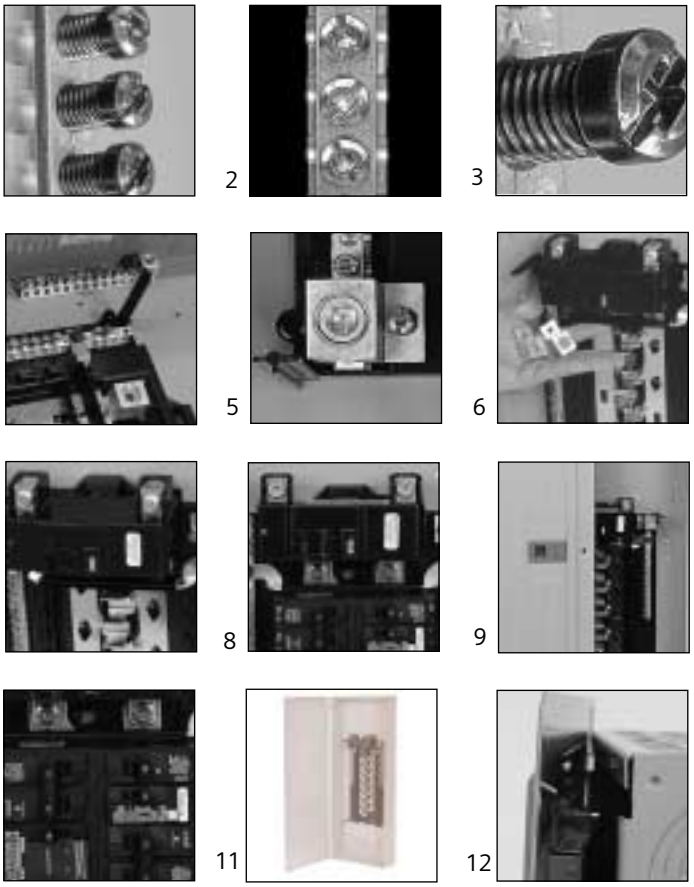
SIEMENS

Global network of innovation

The Ultimate® Load Center

Features





1. *INSTA-WIRE®* neutrals and grounds provide quick and easy neutral conductor installation.
2. Visible neutrals make insertion of neutral conductors easier.
3. Neutral, ground, breaker, trim, bond, upper pan adjusting, and wire binding screws come up with a slot/square combination head.
4. Factory installed, *INSTA-WIRE* visible ground bars on main lug devices.
5. Pre-positioned bond screw makes bonding a snap.
6. All devices are main convertible from main lug to main breaker and vice-versa.
7. All devices are main straight in wired.
8. New horizontal main breaker handle is invertible allowing 180° installation.
9. Comes with a combination flush/surface mount cover.
10. Siemens circuit breakers are series rated for full protection and lower component cost.
11. Side hinged outdoor enclosure.
12. Trim mounting tabs free up both hands to install the trim.

- Standard 14-3/8" width for easy installation.
- One-piece aluminum buses are Allstan plated.
- Simple dead front adjustment after trim is installed.
- Circuit identification numbers stamped on dead front.
- Copper bus standard on all outdoor and three phase, optional on single phase indoor.
- Main breaker load centers have factory installed 22kA IR main breaker.
- 8 circuit through 42 circuit load centers have latchable door.

Main Breaker/Convertible Load Centers ①

Aluminum or Copper Bus
12-42 Circuits / 100-225 Amperes **60/75°C Rated 22,000A IR ②**

Branch Circuits				Indoor Enclosure — NEMA Type 1			Outdoor Enclosure — NEMA Type 3R	
Main Amp.Rtg.	Max No. of 1-Pole Spaces	Max No. of 1-Pole Circuits	Max. 2-Pole	Aluminum Bus Catalog Number	Copper Bus Catalog Number	Encl. Height (inches) ③	Copper Bus Catalog Number	Encl. Height (inches) ④
1 Phase, 3 Wire SN								
100	12	24	6	**G1224B1100**	**G1224B1100CU**	18	**W1224B1100CU**	20
100	16	24	8	**G1624B1100**	**G1624B1100CU**	21	**W1624B1100CU**	20
100	20	20	10	**G2020B1100**	**G2020B1100CU**	24	**W2020B1100CU**	29
100	24	24	12	—	**G2424B1100CU**	24	—	—
100	30	30	15	—	**G3030B1100CU**	30	—	—
150	16	30	8	**G1630B1150**	—	24	—	—
150	20	30	10	**G2030B1150**	**G2030B1150CU**	30	—	—
150	24	30	12	**G2430B1150**	—	30	—	—
150	30	30	15	**G3030B1150**	**G3030B1150CU**	36	—	—
200	8	16	4	–	–	–	**W0816B1200CT** ⑧	28
200	20	40	10	**G2040B1200**	**G2040B1200CU**	30	**W2040B1200CU**	29
200	24	40	12	**G2440B1200**	—	30	—	—
200	30	40	15	**G3040B1200**	**G3040B1200CU**	36	**W3040B1200CU**	38
200	40	40	20	**G4040B1200**	**G4040B1200CU**	39	**W4040B1200CU**	38
225	42	42	21	—	**G4242B1225CU** ⑤	42	**W4242B1225CU** ⑤	42

Single phase factory installed 22kA IR main circuit breaker offers 22/10kA IR series combination rating when using 10kA IR Type QP, QT, QPF, QE, QN and QAF branch breakers.

Main Lug/Convertible Load Centers ⑥

Aluminum or Copper Bus
12-42 Circuits / 125-225 Amperes **60/75°C Rated 100,000A IR**

Branch Circuits				Indoor Enclosure — NEMA Type 1			Outdoor Enclosure — NEMA Type 3R	
Main Amp.Rtg.	Max No. of 1-Pole Spaces	Max No. of 1-Pole Circuits	Max. 2-Pole	Aluminum Bus Catalog Number	Copper Bus Catalog Number	Encl. Height (inches) ③	Copper Bus Catalog Number	Encl. Height (inches) ④
1 Phase, 3 Wire SN								
125	12	12	6	**G1212L1125** ⑦	**G1212L1125CU** ⑦	21	—	—
125	12	24	6	**G1224L1125** ⑦	**G1224L1125CU** ⑦	21	**W1224L1125CU** ⑦	20
125	16	24	8	**G1624L1125**	**G1624L1125CU**	21	**W1624L1125CU**	28
125	20	20	10	**G2020L1125**	**G2020L1125CU**	24	—	—
125	24	24	12	**G2424L1125**	—	30	—	—
125	24	40	12	—	**G2440L1125CU**	30	—	—
125	30	40	15	—	**G3040L1125CU**	30	**W3040L1125CU**	38
150	20	30	10	**G2030L1150**	**G2030L1150CU**	30	**W2030L1150CU**	28
200	8	16	4	—	—	—	**W0816L1200CT** ⑧	28
200	12	24	6	—	**G1224L1200CU** ⑦	24	**W1224L1200CU** ⑦	28
200	20	40	10	**G2040L1200**	**G2040L1200CU**	30	**W2040L1200CU**	28
200	24	40	12	**G2440L1200**	**G2440L1200CU**	30	—	—
200	30	30	15	**G3030L1200**	**G3030L1200CU**	36	—	—
200	30	40	15	**G3040L1200**	**G3040L1200CU**	36	**W3040L1200CU**	38
200	40	40	20	**G4040L1200**	**G4040L1200CU**	39	**W4040L1200CU**	38
225	42	42	21	—	**G4242L1225CU** ⑤	42	**W4242L1225CU** ⑤	42

SG Series Main Lug/Convertible Load Centers ⑥⑨

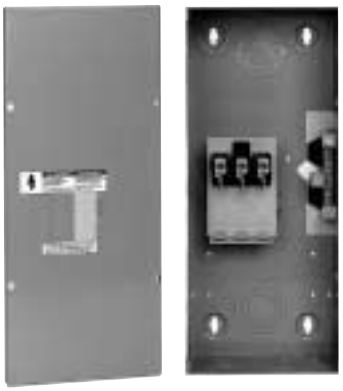
Aluminum or Copper Bus
12-40 Circuits / 125-200 Amperes **60/75°C Rated 100,000A IR**

Branch Circuits				Indoor Enclosure — NEMA Type 1	
Main Amp. Rtg.	Max No. of 1-Pole Spaces	Max No. of 1-Pole Circuits	Max. 2-Pole	Copper Bus Catalog Number	Enclosure Height (inches) ③
1 Phase, 3 Wire SN					
125	12	24	6	**G1224L1125CUSG**	21
125	16	24	8	**G1624L1125CUSG**	24
125	20	20	10	**G2030L1125CUSG**	24
125	24	24	12	**G2430L1125CUSG**	30
150	20	30	10	**G2030L1150CUSG**	30
200	30	40	15	**G3040L1200CUSG**	36
200	40	40	20	**G4040L1200CUSG**	39

Refer to Speedfax™ 2003 Product Catalog for complete listing of Siemens load centers.

① Suitable for use as service entrance equipment.
② May be installed on higher rated systems when protected by a circuit breaker with a higher AIR rating. See equipment markings.
③ Indoor enclosures are 14-5/16" wide by 3-15/16" deep.
④ Outdoor enclosures are 14-1/2" wide by 4-1/4" deep.
⑤ All 225 amp load centers are provided with tin-plated copper bus bars.
⑥ See equipment markings for details.
⑦ Suitable for use as service entrance equipment when not more than six main disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard. See article 408.14 of the NEC®.
⑧ Feed-thru lugs included.
⑨ Factory installed 100% neutral with factory bonded 100% ground. No neutral tie strap.

EQ® Load Centers



Circuit Breaker Enclosures

FEATURES

- Circuit breaker enclosures range from 60A to 225A, indoor and outdoor models.
- Designed for use exclusively with QP, QT, QPH, HQP, BQ, BQH, HBQ, QPP, QPPH, HQPP, QJ2, QJH2 and QJ2-H circuit breakers.
- UL listed.
- Suitable for use as service entrance equipment.
- UL listed for 60/75°C conductors (See equipment markings for applications).

Breaker Used			Indoor Enclosure — NEMA Type 1					Outdoor Enclosure — NEMA Type 3R				
Frame Type	Ampere Rating	No. of Poles	Catalog Number	Std. Pkg.	Dimensions (inches) Height	Width	Depth	Catalog Number	Std. Pkg	Dimensions (inches) Height	Width	Depth
1 Phase, 3 Wire SN — 120/240 Volts AC												
QP, QPH, HQP	60	1-2	**E0204ML1060S** ①	5	9 -7/8	5-1/8	2-5/8	**W0204ML1060** ①	5	8	5	4-1/4
	100	2	—	1	17-1/8	7-3/8	4-5/16	**W0202MB1100CU** ②	1	17-3/8	7-5/16	4-5/16
	125	2	**E0204ML1125SCU**	1	17-1/8	7-1/8	4-1/4	**W0204ML1125CU**	1	17-1/8	7-3/8	4-5/16
	200	2	—	—	—	—	—	**W0202ML1200CU**	1	19-3/4	8-3/8	4-5/8
	200	2	—	—	—	—	—	**W0202MB1200CU** ②	1	19-3/4	8-3/8	4-5/8
QPP, QPPH, HQPP, QP	225	1-4	—	—	—	—	—	**W0406ML1225CU** ③	1	23	10	4-1/8
QJ2, QJH2, QJ2-H	150	2	—	—	—	—	—	**WB2150B** ④	1	27	7-3/8	4-15/16
	200	2	—	—	—	—	—	**WB2200B** ④	1	27	7-3/8	4-15/16
	225	2	—	—	—	—	—	**WB2225** ③	1	27	7-3/8	4-5/16
3 Phase, 3 Wire 240 Volts AC or 3 Phase, 4 Wire SN — 120/208 Volts AC, 120/240, 240 Volts AC												
QP, QPH,HQP	100	2-3	**E0303ML3100S**	1	17-1/8	7-1/8	4-1/4	**W0303ML3100**	1	17-1/8	7-3/8	4-5/16
BQ, BQH, HBQ	100	2-3	**EB3100S** ⑤	1	17-1/8	7-1/8	4-1/4	**WB3100** ⑤	1	17-1/8	7-3/8	4-5/16
QJ2, QJH2, QJ2-H	225	2-3	**EB3225F** ③	1	27	10-1/8	5-1/8	**WB3225** ③	1	27	10-1/8	5-9/16

Main Lugs with Aluminum Bus and Copper Bus 100,000A IR ⑥

4–16 circuits, 100–225 Amperes
1 Phase, 3 Wire, SN 120/240 Volts AC

EQ Load Centers with main lugs feature a combination trim box in one package.

FEATURES

- Interiors offer removal in seconds
- Single phase
- One piece bus bar construction designed for use only with circuit breakers
- UL Listed
- Main lugs and neutral on same plane, same drive
- Simple deadfront adjustment after trim is installed
- UL listed on 60/75°C conductors (see equipment markings for applications)
- Positive load side circuit breaker hook rails

Branch Circuits				Indoor Enclosure — NEMA Type 1					Outdoor Enclosure — NEMA Type 3R				
Ampere Rating	Max. 1-Pole No. of Spaces	No. of Circuits	QP Max 2-Poles	Catalog Number— Replace Suffix F (Flush) with S for Surface Mounting	Std. Pkg	Dimensions (inches) Height	Width	Depth	Catalog Number	Std. Pkg.	Dimensions (inches) Height	Width	Depth
1Phase, 3 Wire SN, 4-24 Circuits / 100-200 Amperes, Aluminum Bus, Rated 100,000A IR													
100	12	24	6	**E1224ML1100FG** ⑦	1	14-3/4	12-3/8	3-7/8	—	—	—	—	—
125	4	8	2	**E0408ML1125F** ①⑧	5	12-5/8	6-5/8	3-1/2	**W0408ML1125** ⑧⑩	5	12-1/4	6	4-1/4
125	4	8	2	—	—	—	—	—	**W0408L1125SPA50** ⑧⑩⑪	1	12-14	6	4-1/4
125	8	16	4	**E0816ML1125F** ①⑨	1	14-3/4	12-3/8	3-7/8	—	—	—	—	—
200	4	4	2	—	—	—	—	—	**W0404MB1200CT**	1	20	11-1/8	4-3/4
1Phase, 3 Wire SN, 16-24 Circuits / 100-225 Amperes, Copper Bus, Rated 100,000A IR													
100	10	20	4	**E1020MB1100FCGP** ⑫	1	14-3/4	12-3/8	3-7/8	—	—	—	—	—
100	12	24	6	**E1224ML1100FCU**	1	14-3/4	12-3/8	3-7/8	—	—	—	—	—
125	8	16	4	**E0816ML1125FCU** ⑨	1	14-3/4	12-3/8	3-7/8	**W0816ML1125CU** ⑨	1	14-3/4	12-1/8	4-1/4
225	—	—	—	—	—	—	—	—	**W0406ML1125CU** ①	1	23	10	4-1/8

① Will not accommodate 2-pole GFCI or circuit breaker with shunt trip.
② Main breaker factory installed.
③ 42,000A IR maximum. Copper wire only at 225A.
④ QJ2 frame circuit breaker installed, rated 10,000A IR
⑤ Will not accommodate GFCI or circuit breaker with shunt trip.
⑥ Suitable for use as service entrance when not more than six main disconnecting means are provided, and when not used as lighting and appliance branch circuit panelboard. Check local codes and restrictions.
⑦ 70 Amp maximum breaker.
⑧ 100 Amp maximum breaker.
⑨ Suitable for use as service entrance equipment when a main breaker (125A maximum) is back-fed in a branch position and used with main breaker retainer clip (Cat. No. MBR1).
⑩ Suitable for use as service equipment when a main breaker (100A maximum) is back-fed in a branch position and used with main breaker retainer clip (Cat. No. MBR1).
⑪ Includes factory installed QF250 ground fault circuit breaker and ground bar.
⑫ Two Q115 and one Q230 circiut breakers included.

Main Breaker / 300-400 Ampere ①

FEATURES

- UL listed for 60/75°C conductors (See equipment markings for applications).
- Copper bus standard.
- Factory installed lock on indoor enclosure.

	Branch Circuits Type QP		Indoor Enclosure — NEMA Type 1 ② (22,000A IR)						Outdoor Enclosure — NEMA Type 3R ② (22,000A IR)				
Ampere Type	Max. 1-Pole	Max. 2-Poles	Catalog Number ③	Std. Pkg.	Dimensions (inches) Height	Width	Depth	Trim Style	Catalog Number	Std. Pkg	Dimensions (inches) Height	Width	Depth ④
1 Phase, 3 Wire — 120/240 Volts AC													
300	42	20	**E4242MB1300FCU**	1	58	20	6	Flush	—	—	—	—	—
300	42	20	**E4242MB1300SCU**	1	58	20	6	Surface	—	—	—	—	—
400	30	14	**E3030MB1400SCU**	1	52	20	6	Surface	**W3030MB1400CU**	1	52	20	6
400	42	20	**E4242MB1400FCU**	1	58	20	6	Flush	**W4242MB1400CU**	1	58	20	6
400	42	20	**E4242MB1400SCU**	1	58	20	6	Surface	—	—	—	—	—
3 Phase, 3 Wire — 240 Volts AC - or - 3 Phase, 4 Wire — 120/208 Volts AC													
300	42	20	**E4242MB3300SCU**	1	58	20	6	Surface	—	—	—	—	—
400	30	14	**E3030MB3400SCU**	1	52	20	6	Surface	—	—	—	—	—
400	42	20	**E4242MB3400FCU**	1	58	20	6	Flush	**W4242MB3400CU**	1	58	20	6
400	42	20	**E4242MB3400SCU**	1	58	20	6	Surface	—	—	—	—	—

Main Lug / 400 Ampere ①

	Branch Circuits Type QP		Indoor Enclosure — NEMA Type 1 (22,000A IR)						Outdoor Enclosure — NEMA Type 3R (22,000A IR)				
Ampere Type	Max. 1-Pole	Max. 2-Poles	Catalog Number ③	Std. Pkg.	Dimensions (inches) Height	Width	Depth	Trim Style	Catalog Number	Std. Pkg	Dimensions (inches) Height	Width	Depth④
1 Phase, 3 Wire — 120/240 Volts AC													
400	6	3	—	—	—	—	—	—	**W0606ML1400CU**	1	43	20	6
400	30	14	**E3030ML1400SCU**	1	41	20	6	Surface	**W3030ML1400CU**	1	43	20	6
400	42	20	**E4242ML1400SCU**	1	47	20	6	Surface	—	—	—	—	—
400	42	20	**E4242ML1400FCU**	1	47	20	6	Flush	**W4242ML1400CU**	1	47	20	6
3 Phase, 3 Wire — 240 Volts AC - or - 3 Phase, 4 Wire — 120/208 Volts AC													
400	30	14	**E3030ML3400SCU**②	1	41	20	6	Surface	—	—	—	—	—
400	42	20	**E4242ML3400FCU**②	1	47	20	6	Flush	**W4242ML3400CU** ②	1	47	20	6
400	42	20	**E4242ML3400SCU**②	1	47	20	6	Surface	—	—	—	—	—

① UL Listed as suitable for use as service equipment.
② 65,000A IR on 600A.
③ Where noted suffix S = surface, F = flush.
④ Does not include 2" rainhead overhang.

3-Phase Main Breaker with Copper Bus

10,000A IR, ①③ 30 - 42 circuits, 100 - 225 Amperes

FEATURES

■ Copper bus load centers are recommended for those applications where the environment may be severe (i.e. farm and coastal areas) or where a premium panel is desired.

Branch Circuits				Indoor Enclosure — NEMA Type 1					Outdoor Enclosure — NEMA Type 3R				
Ampere Rating	Max. No. 1-Pole Spaces	No. of Circuits	Max. 2-Poles	Catalog Number	Std. Pkg.	Dimensions (inches) Height	Width	Depth	Catalog Number	Std. Pkg	Dimensions (inches) Height	Width	Depth
3 Phase, 3 Wire — 240 Volts AC - or - 3 Phase, 4 Wire — 120/240 Volts AC or 120/208 Volts AC													
100	30	30	14	**G3030MB3100CU** ②	1	30	14-3/8	3-15/16	—	—	—	—	— —
150	24	42	14	**G2442MB3150CU**	1	36	14-3/8	3-15/16	**W2442MB3150CU**	1	34	14-1/4	3-15/16
200	30	42	14	**G3042MB3200CU**	1	36	14-3/8	3-15/16	**W3042MB3200CU**	1	37	14-1/4	3-15/16
200	42	42	20	**G4242MB3200CU**	1	42	14-3/8	3-15/16	**W4242MB3200CU**	1	43	14-1/4	3-15/16
225	42	42	20	**G4242MB3225CU**	1	42	14-3/8	3-15/16	**W4242MB3225CU**	1	43	14-1/4	3-15/16

3-Phase Main Lug with Copper Bus

100,000A IR, 12 - 42 circuits, 125 - 225 Amperes

FEATURES

■ Copper bus load centers are recommended for those applications where the environment may be severe (i.e. farm and coastal areas) or where a premium panel is desired.

Branch Circuits				Indoor Enclosure — NEMA Type 1					Outdoor Enclosure — NEMA Type 3R				
Ampere Rating	Max. No. 1-Pole Spaces	No. of Circuits	Max. 2-Poles	Catalog Number	Std. Pkg.	Dimensions (inches) Height	Width	Depth	Catalog Number	Std. Pkg	Dimensions (inches) Height	Width	Depth
3 Phase, 3 Wire — 240 Volts AC - or - 3 Phase, 4 Wire SN — 120/240 Volts AC or 120/208 Volts AC													
125	12	24	6	**G1224ML3125CU** ①②	1	18	14-3/8	3-15/16	**W1224ML3125CU** ①②	1	21	14-1/4	4-1/2
150	18	36	9	**G1836ML3150CU** ①②	1	21	14-3/8	3-15/16	**W1836ML3150CU** ①②	1	25	14-1/4	4-1/2
150	24	42	12	**G2442ML3150CU** ②	1	24	14-3/8	3-15/16	**W2442ML3150CU** ②	1	28	14-1/4	4-1/2
200	12	24	6	**G1224ML3200CU** ①②	1	24	14-3/8	3-15/16	**W1224ML3200CU** ①②	1	22	14-1/4	4-1/2
200	24	42	12	**G2442ML3200CU** ②	1	30	14-3/8	3-15/16	**W2442ML3200CU** ②	1	31	14-1/4	4-1/2
200	30	42	14	**G3042ML3200CU** ②	1	33	14-3/8	3-15/16	**W3042ML3200CU** ②	1	34	14-1/4	4-1/2
200	42	42	20	**G4242ML3200CU** ②	1	39	14-3/8	3-15/16	**W4242ML3200CU** ②	1	40	14-1/4	4-1/2
225	42	42	20	**G4242ML3225CU** ②	1	42	14-3/8	3-15/16	**W4242ML3225CU** ②	1	42	14-1/4	4-1/2

① Suitable for use as service eqipment when not more than six main disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard. See article 384.14 of the NEC.

② Suitable for use as service euqipment when a main breaker (100A maximum) is back-fed in a branch position, and used with main breaker retainer clip (Cat. No. MBR-1).

③ When 22,000 IR or 42,000 IR main circuit breakers are required, add the suffix "-22" or "-42" respectively.

Plug-In Circuit Breakers

Type QP with INSTA-WIRE® ② 1-Pole Plug-In (120V AC)

Continuous Current Rating @ 40°C	1-Pole ③④ 120/240 Volts AC Catalog Number	2-Pole ③④ 120/240 Volts AC Common Trip Catalog Number	2-Pole 240 Volts AC Common Trip Catalog Number
15	**Q115** ①	**Q215**	**Q215R** ④⑤
20	**Q120** ①	**Q220**	**Q220R** ④⑤
25	**Q125**	**Q225**	–
30	**Q130**	**Q230**	**Q230R** ④⑤
35	**Q135** ⑧	**Q235**	–
40	**Q140**	**Q240**	**Q240R** ④⑤
45	**Q145** ⑧	**Q245**	–
50	**Q150**	**Q250**	**Q250R** ④⑤
60	**Q160**	**Q260**	**Q260R** ④⑤
70	**Q170**	**Q270**	**Q270R** ④⑤
80	–	**Q280**	–
90	–	**Q290**	–
100	–	**Q2100**	**Q2100R** ④⑤
110	–	**Q2110**	–
125	–	**Q2125**	

Duplex Plug-In Circuit Breakers ②

Breaker Type	Ampere Rating 2-Pole	Catalog Number
QT 1-Pole 10K AIC 120V AC	15-15	**Q1515**
	15-20	**Q1520**
	20-20	**Q2020**
	20-30	**Q2030**
	15-30	**Q3015** ⑧
	20-30	**Q3020**
	30-30	**Q3030**

Triplex Plug-In Circuit Breakers ②

Breaker Type	Ampere Rating 2-Pole	Ampere Rating 1-Pole	Catalog Number
QT 2-Pole 10K AIC 120/240V AC Center Common Trip	15	15	**Q21515CT**
	15	20	**Q21520CT**
	15	25	**Q21525CT** ⑧
	15	30	**Q21530CT**
	15	35	**Q21535CT** ⑧
	15	40	**Q21540CT**
	15	45	**Q21545CT** ⑧
	15	50	**Q21550CT**
	20	20	**Q22020CT**
	20	25	**Q22025CT** ⑧
	20	30	**Q22030CT**
	20	35	**Q22035CT** ⑧
	20	40	**Q22040CT**
	20	45	**Q22045CT** ⑧
	20	50	**Q22050CT**
	30	30	**Q23030CT**

Quadplex Plug-In Circuit Breakers ②

Breaker Type	Ampere Rating Inside 2-Pole	Ampere Rating Outside 2-Pole	Catalog Number
QT 2-Pole 10K AIC 120/240V AC Common Trip	15	15	**Q21515CT2**
	15	20	**Q22020CT2**
	20	30	**Q22030CT2**
	20	40	**Q22040CT2**
	30	30	**Q23030CT2**
	30	40	**Q23040CT2**
	40	40	**Q24040CT2**
	50	30	**Q25030CT2**

Arc-Fault Circuit Interrupters ②③⑥

Breaker Type	Ampere Rating	Catalog Number
QAF 1-Pole 120V AC	15	**Q115AF** ①
	20	**Q120AF** ①
QAF 2-Pole 120/240V AC	15	**Q215AF** ⑤⑥
	20	**Q220AF** ⑤⑥

Ground-Fault Circuit Interrupters ②③⑥

Breaker Type	Ampere Rating	Catalog Number
QPF 1-Pole 120V AC Plug-In	15	**QF115** ①
	20	**QF120** ①
	25	**QF125** ⑧
	30	**QF130**
QPF 2-Pole 120/240V AC Plug-In	15	**QF215**
	20	**QF220**
	30	**QF230**
	40	**QF240**
	50	**QF250**
	60	**QF260**
QE 1-Pole 120V AC Plug-In	15	**QE115** ①
	20	**QE120** ①
	30	**QE130**
QE 2-Pole 120/240V AC Plug-In	15	**QE215**
	20	**QE220**
	30	**QE230**
	40	**QE240**
	50	**QE250**
	60	**QE260** ⑧

Large Branch Circuit Breakers ③⑨

Breaker Type	Ampere Rating	Catalog Number	Catalog Number
QN 2-Pole 120/240V AC	150	**QN2150**	**QN2150R** ⑦
	175	**QN2175** ⑧	**QN2175R** ⑦⑧
	200	**QN2200**	**QN2200R** ⑦

① UL listed as SWD (switching duty) rated. Suitable for 120V AC fluorescent lighting.
② HACR rated.
③ For 22K AIC add "H" suffix.
④ For 65KAIC add "HH" suffix.
⑤ Contact factory for availability.
⑥ White line neutral (pigtail) must be connected to the panel neutral for the device to function.
⑦ Reverse handle.
⑧ Built to order. Allow 2-3 weeks for delivery.
⑨ For 65KAIC add "H" prefix.

Refer to SPEEDFAX™ 2003 Product Catalog for complete listing of Siemens circuit breakers.

Ordering Information
All QP circuit breakers are supplied with load side connectors. All standard circuit breakers are calibrated to 40°C maximum ambient application.

ElectriCenter Accessories

Circuit Breaker Accessories

Catalog Number	Description
ECHT05	Handle Tie – Duplex
ECHT2	Handle Tie – 2-Pole
ECHBD1	Handle Blocking Device – 1" Handles
ECHBD05	Handle Blocking Device – 1/2" Handles
ECMBR2	Main Breaker Retainer – for Ultimate Load Centers
ECMBR1	Main Breaker Retainer – for EQ Load Centers
ECMIL	Mechanical Interlock
ECPLD1	Padlocking Device – 1-Pole Type QP, QAF, QPF, QT Duplex
ECPLD2	Padlocking Device – 2-Pole Type QP, QAF, QPF, QT Triplex/Quadplex
ECPLD125	Padlocking Device – 100-125A Main Breaker
ECPLD225	Padlocking Device – 150-225A Main Breaker

Ground Bar Kits

Catalog Number	Description
ECGB5	Ground Bar Kit – 5 Position, #4-14 AWG Cu/Al
ECGB10	Ground Bar Kit – 10 Position, #4-14 AWG Cu/Al
ECGB101	Ground Bar Kit – 10 Position, #4-14 AWG, Cu/Al, 1 Position #14-1/0 Cu/Al
ECGB14	Ground Bar Kit – 14 Position, #4-14 AWG Cu/Al
ECGB141	Ground Bar Kit – 14 Position, #4-14 AWG, Cu/Al, 1 Position #14-1/0 Cu/Al
ECGB142	Ground Bar Kit – 14 Position, #4-14 AWG, Cu/Al, 1 Position #6-2/0 Cu/Al
ECGB20	Ground Bar Kit – 20 Position, #4-14 AWG Cu/Al
ECGB201	Ground Bar Kit – 20 Position, #4-14 AWG, Cu/Al, 1 Position #14-1/0 Cu/Al
ECGB202	Ground Bar Kit – 20 Position, #4-14 AWG, Cu/Al, 1 Position #6-2/0 Cu/Al
ECINSGB5	Insulated Isolated Ground Bar – 5 Position
ECINSGB14	Insulated Isolated Ground Bar – 14 Position
ECINSGB20	Insulated Isolated Ground Bar – 20 Position
ECCS1	Collar Strap – #14-1/0 AWG Cu/Al
ECCS2	Collar Strap – #6 AWG – 250 kcmil Cu/Al

Hubs

Catalog Number	Description
ECHS000	Closure Plate
ECHS075	Hub – 3/4"
ECHS100	Hub – 1"
ECHS125	Hub – 1-1/4"
ECHS150	Hub – 1-1/2"
ECHS200	Hub – 2"
ECHS250	Hub – 2-1/2"

Load Center Conversion Kits

Catalog Number	Description
MBK100A	Main Breaker Conversion Kit – for use in 100-125A Ultimate Load Centers
MBK125A	Main Breaker Conversion Kit – for use in 125A Ultimate Load Centers
MBK150A	Main Breaker Conversion Kit – for use in 150-225A Ultimate Load Centers
MBK200A	Main Breaker Conversion Kit – for use in 200-225A Ultimate Load Centers
MBK225A	Main Breaker Conversion Kit – for use in 225A Ultimate Load Centers
ECMLK125	Main Lug Conversion Kit – for use in 100-125A Ultimate Load Centers
ECMLK225	Main Lug Conversion Kit – for use in 150-225A Ultimate Load Centers

Lug Kits

Catalog Number	Description
ECLKB1	Ground Lug Kit for Ultimate Load Centers
ECLK3	Neutral Lug Kit – #1-300 AWG Cu/Al
ECLK1-2	Neutral Lug Kit – #2-1/0 AWG Cu/Al
ECLK2	Neutral Lug Kit – #4-2/0 AWG Cu/Al
ECLK2150	Sub-feed Lug Kit – #14-2/0 AWG Cu, #1/0 AWG Al
ECLK2125	Sub-feed Lug Kit – #3-1 AWG Cu, #1/0 AWG Al
ECLK2222	Sub-feed Lug Kit – #3-1 AWG Cu, #1/0 AWG Al

Miscellaneous Load Center Accessories

Catalog Number	Description
ECQFL2	Add-A-Lock – Flush Mount, 100-225A Ultimate Load Centers
ECQFL1	Add-A-Lock – Flush Mount, Replacement Only
ECCP1	Circuit Directory Cards – 42 Circuit
ECQF3	Filler Plate – Branch Breakers and 150-225A Ultimate Main Breaker Load Center
ECMBF125	Filler Plate – 100-125A Ultimate Main Breaker Load Ctr.
ECRLK250	Gutter Tap Kit – 250-1/0 Main, 250-6 Tap
ECSMK1	Spacer Kit
ECTS2	Trim Screws

ALL-SITES™ Temporary Power Outlet Panels

FEATURES

Enclosures

❶ **Rainproof**
Rainproof NEMA Type 3R construction.

❷ **Quality Finish**
All sheet metal components are powder coated with the highest quality finish and fabricated with G90 galvanized steel.

❸ **Installation Ease**
Three raised mounting embosses make installation a snap.

❹ **Removable Deadfronts**
Easily removable upper and lower deadfronts allow easy access to internal components for ease of installation.

❺ **Theft Resistant**
The padlock provisions and elevated upper deadfront design prevent unauthorized removal of the plugs or access to the circuit breakers.

❻ **Meters Top or Bottom**
Metered units are available with meters at the top or bottom.
- Ring and ringless type meter covers available.
- Utility grade, Landis & Gyr meter socket base.
- Units with meter at bottom are ideally suited for underground feeds.
- Meter sockets available to 125 amps maximum.

❼ **Removable Door**
Sloped door allows additional room for plugs, and is designed with aesthetic forms to add rigidity and sturdiness.

❽ **Overhead/Underground Feeds**
Surface devices have provisions for overhead and underground feeds.
- For an overhead feed, use a readily available Type RX, interchangeable hub. Closure plate is factory included.
- For an underground feed, an extensive variety of easily removable knockouts are provided.

❾ **Light Option**
Lighted option to assist with nighttime site location and operation. Light provisions are the longest lasting and have the lowest operating cost in the industry.

Pedestals

❿ **One-Piece Construction**
Rigid, one-piece pedestal construction for all earth and pad mounted devices. Thoroughly tested for torsion and flexing resistance.

⓫ **Block Assembly**
Loop-feed block assembly provides connectors capable of accepting up to 350 kcmil conductors.
(Available on pedestal devices only.)

⓬ **Pad Mount**
Pad mounted devices are available.
(not shown)

Interiors

⓭ **Bus Bars**
Plated copper bus bars provide the best protection against corrosion.

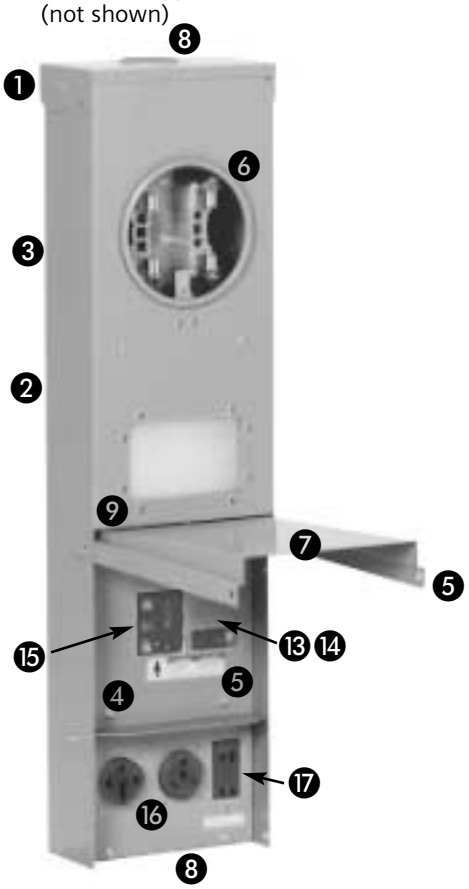
⓮ **Copper Conductors**
Ready to use! All internal components are factory prewired with copper conductors.

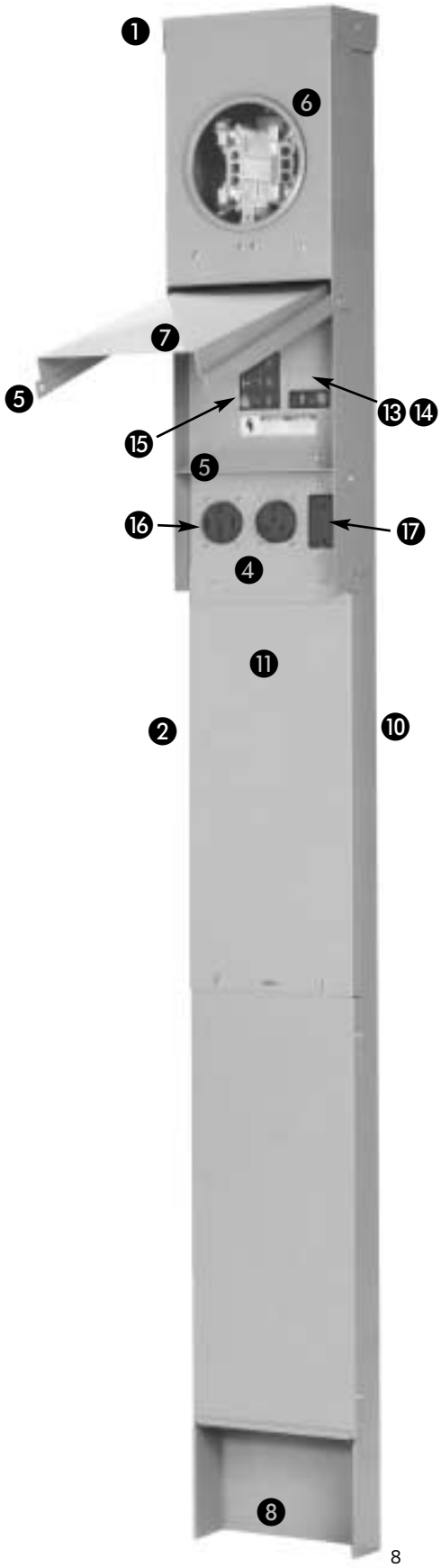
⓯ **Circuit Protection**
All receptacles are protected by life-time warranted Siemens circuit breakers.

⓰ **Receptacles**
Impact-resistant, thermoplastic, commercial grade receptacles.

⓱ **GFCI Protection**
All 125 volt, 20 amp receptacles have GFCI protection. Siemens GFCI circuit breakers are available to provide protection for 20-50 amp receptacles.

⓲ **Wire Connectors**
All wire connectors are suitable for use with copper or aluminum wire.
(not shown)





ALL-SITES™ Temporary Power Outlet Panels

Surface
- Unmetered
- Ring Type Metered (meter at top or bottom)
- Ringless Type Metered (meter at top or bottom)
- Lighted

Earth Mount Pedestals
- Unmetered
- Ring Type (Metered)
- Ringless Type (Metered)
- Lighted
- Cable and Telephone
- Water

Pad Mount Pedestals
- Unmetered
- Ring Type (Metered)
- Ringless Type (Metered)
- Lighted
- Cable and Telephone
- Water

Back to Back Earth Mount Pedestals
- Unmetered
- Ring Type (Metered)
- Ringless Type (Metered)
- Lighted
- Cable and Telephone
- Water

Back to Back Pad Mount Pedestals
- Unmetered
- Ring Type (Metered)
- Ringless Type (Metered)
- Lighted
- Cable and Telephone
- Water

Most Common Items

Unmetered Surface Mount Devices

Catalog Number	Meter Type	Receptacle #1	Receptacle #2	Receptacle #3
P17US	Unmetered	14-50R (50A)	5-20R2GFI (20A)	N/A
P77US	Unmetered	5-20R2GFI (20A)	5-20R2GFI (20A)	N/A
P1F7US	Unmetered	14-50R (50A)	5-20R2GFI (20A)	N/A
P137US	Unmetered	14-50R (50A)	TT30R (30A)	5-20R2GFI (20A)
P577US	Unmetered	6-20R (20A)	5-20R2GFI (20A)	5-20R2GFI (20A)
P37US	Unmetered	TT30R (30A)	5-20R2GFI (20A)	N/A

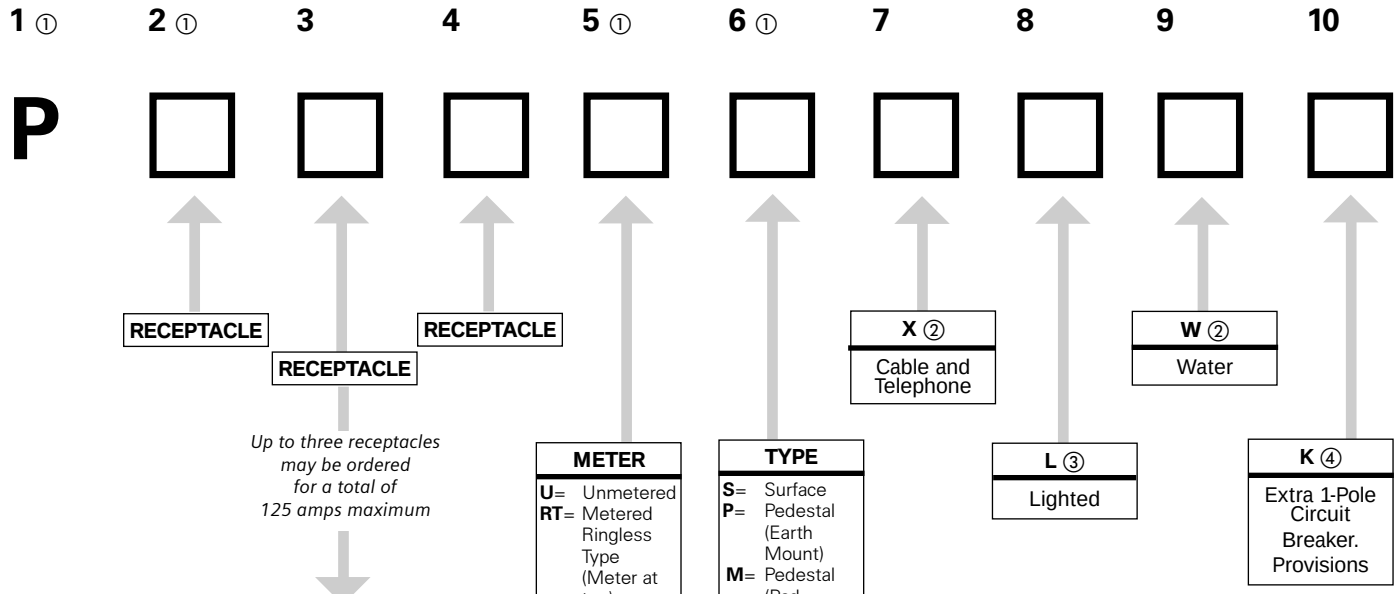
Metered Surface Mount Devices

Catalog Number	Meter Type	Receptacle #1	Receptacle #2	Receptacle #3
P77TS	Ring Type / Top	5-20R2GFI (20A)	5-20R2GFI (20A)	N/A
P577TS	Ring Type / Top	6-20R (20A)	5-20R2GFI (20A)	5-20R2GFI (20A)
P1F7TS	Ring Type / Top	14-50R (50A)	5-20R2GFI (20A)	N/A
P77RTS	Ringless Type / Top	5-20R2GFI (20A)	5-20R2GFI (20A)	N/A
P1F7RTS	Ringless Type / Top	14-50R (50A)	5-20R2GFI (20A)	N/A
P5F7TS	Ring Type / Top	6-20R (20A)	5-20R2GFI (20A)	N/A
P77BS	Ring Type / Bottom	5-20R2GFI (20A)	5-20R2GFI (20A)	N/A
P177BRS	Ringless Type / Bottom	14-50R (50A)	5-20R2GFI (20A)	5-20R2GFI (20A)
P77RBS	Ringless Type / Bottom	5-20R2GFI (20A)	5-20R2GFI (20A)	N/A
P5F77RBS	Ringless Type / Bottom	6-20R (20A)	5-20R2GFI (20A)	5-20R2GFI (20A)
P1F77RBS	Ringless Type / Bottom	14-50R (50A)	5-20R2GFI (20A)	5-20R2GFI (20A)
P17RBS	Ringless Type / Bottom	14-50R (50A)	5-20R2GFI (20A)	N/A

Metered and Unmetered Pedestal Devices

Catalog Number	Enclosure Type	Meter Type	Receptacle #1	Receptacle #2	Receptacle #3
P137UP	Pedestal Earth Mount	Unmetered	14-50R (50A)	TT30R (30A)	5-20R2GFI (20A)
P37UP	Pedestal Earth Mount	Unmetered	TT30R (30A)	5-20R2GFI (20A)	N/A
P137RTP	Pedestal Earth Mount	Ringless	14-50R (50A)	TT30R (30A)	5-20R2GFI (20A)
P137TP	Pedestal Earth Mount	Ring Type	14-50R (50A)	TT30R (30A)	5-20R2GFI (20A)
P1F37UML	Pedestal Pad Mount	Unmetered	14-50R (50A)	TT30R (30A)	5-20R2GFI (20A)
P137RT2B	Pedestal Earth Mount Back to Back	Ringless	14-50R (50A)	TT30R (30A)	5-20R2GFI (20A)
P137U2B	Pedestal Earth Mount Back to Back	Unmetered	14-50R (50A)	TT30R (30A)	5-20R2GFI (20A)

Build Your Own Catalog Numbering System



① Required fields.

② For use on pedestal devices.

③ All lighted devices require at least one QF120 circuit breaker.

④ Devices with only 1 or 2 outlets, or with 3 outlets totaling less than 100 amps, have provisions for an additional 1-pole circuit breaker.

RECEPTACLE CONFIGURATIONS				
1	14 – 50R	125/250V	50A	
1F	Designates GFCI Circuit Breaker Protection			
2	14 – 30R	125/250V	30A	
2F	Designates GFCI Circuit Breaker Protection			
3	TT30R	125V	30A	
3F	Designates GFCI Circuit Breaker Protection			
4	L6 – 30R	250V	30A	
4F	Designates GFCI Circuit Breaker Protection			
5	6 – 20R	250V	20A	
5F	Designates GFCI Circuit Breaker Protection			
6	L5 – 20R	125V	20A	
7	5 – 20R2GFCI	125V	20A	
8	5 – 20R2	125V	20A	
8F	Designates GFCI Circuit Breaker Protection			
9	L5 – 30R	125V	30A	

EXAMPLE: Catalog No. P1F38FTPXL

Given specifications:

- 50A, 125/250V receptacle with GFCI circuit breaker
- 30A, 125V receptacle with a standard circuit breaker
- 20A, 125V receptacle with GFCI circuit breaker
- Ring type meter at the top
- Pedestal mount device
- Cable and telephone provisions
- Light option

Step 1
Start with the power receptacle product line prefix identifier: **(P)**

Step 2
Choose the first receptacle and its circuit breaker type: **(1F)**

Step 3
Choose the second receptacle and its circuit breaker type: **(3)**

Step 4
Choose the third receptacle and its circuit breaker type: **(8F)**

Step 5
Choose the utility grade meter type: **(T)**

Step 6
Choose the device mounting type: **(P)**

Step 7
We have a variety of options you can add to your panel, including cable and telephone, and water. Add cable and telephone option here: **(X)**

Step 8
Add the light option here: **(L)**

Air Conditioning Disconnects

Fused and Non-Fused

Features	Benefits
■ Ample Wiring Space	■ The larger enclosure allows for ample wiring space.
■ Rugged Design	■ Manufactured with powder coated G90 galvanized steel for fade, scratch and corrosion resistance.
■ Numerous Knockouts	■ All (6) knockouts are easy to remove. The sidewall knockouts provide access from the sides of the device. Every knockout has 1/2", 3/4" and 1" provisions.
■ Raised Mounted Embosses	■ (4) Raised mounting embosses keep the unit away from the wall, preventing dirt build-up. The upper mounting hole is shaped to be used as a hanger.
■ Copper Conductors	■ Copper current carrying part allows for a cooler, longer lasting operation.
■ Fuse Holder / Pullout Switch	■ The easy to remove pullout securely holds the fuses in place. The fuse holder design allows you to safely and easily de-energize the load terminals without the need to remove the fuses.
■ Removable Door	■ The easily removable door makes it possible to wire the device with absolutely no interference.
■ Meets National Electrical Code® Requirements	■ Siemens air conditioning disconnects provide the ideal means to comply to articles 440-14 and 110-3(b) of the 1999 National Electrical Code®.

UL Listed, NEMA Type 3R Enclosure **120/240 Volt**

Ampere Rating	Maximum Horsepower	Catalog Number	Fuse ① Class	Std. Pkg.
FUSED				
30	3	**WF2030** ②	H	6
60	10	**WF2060** ②	H	6
NON-FUSED				
60	10	**WN2060**	–	6
NON AUTOMATIC SWITCH				
60	10	**WNQS2060**	–	6

① Fuses not included.
② Service entrance rated.

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SEA Order No. RPBR-S0007-1003 (Supersedes RPBR-S0007-0503) 7.5M1003OA Printed in USA