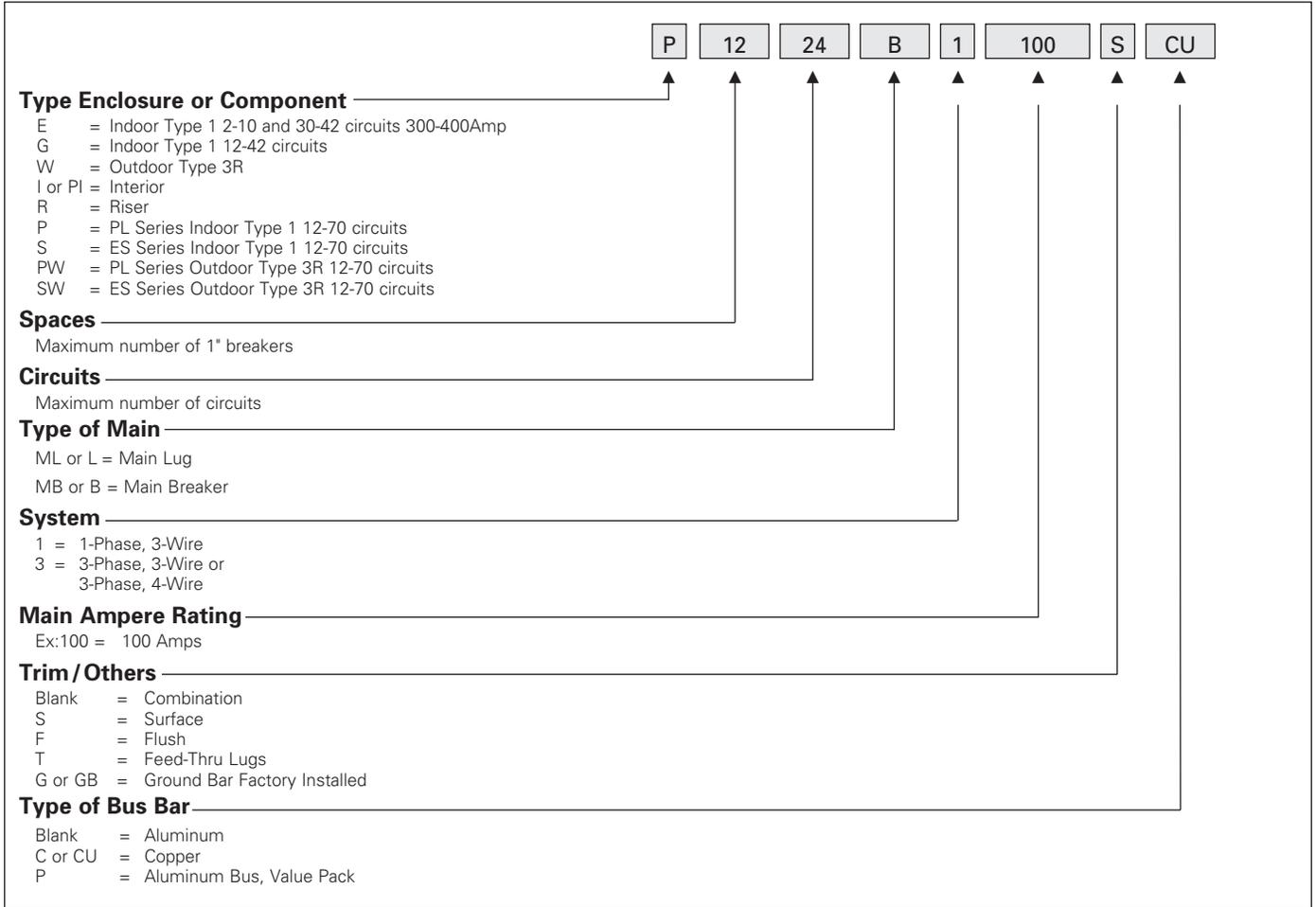


Load Centers

Catalog Numbering System

Catalog Numbering System



Products Shown In Sections 1 of this Speedfax Meet or Exceed the Following Standards.

- UL50 — Electric Cabinets and Boxes
- UL67 — Electric Panelboards
- UL486 — Wire Connectors
- UL489 — Molded-Case Circuit Breakers
- UL869 — Service Equipment
- UL943 — Ground Fault interrupters (Class A — Personnel Protection)
- Federal Specification W-P-115b — Panel Power Distribution
- Federal Specification W-C-375B — Circuit Breakers
- NEC
- NEMA 250

Underwriters' Laboratories, Inc. Reference File Numbers:

- Series Connected Circuit Breaker Information is recognized by UL under file #E10848(N)
- Load Centers Listed by UL under file #E10703
- Load Centers UL recognized components found under file #E10703, Volume 6 and 7. (Also referenced under the recognized components directory — section QEUY2)
- EQ Circuit Breakers are Listed by UL under file #E82615

Circuit Breakers

Main and Branch Circuit Breakers^①

LOAD CENTERS & CIRCUIT BREAKERS 1

Breaker Type	Ampere Rating	Catalog Number	Catalog Number	UL Interrupting Ratings (kA)
QN 2-Pole 120/240V AC	150	QN2150	QN2150R ^②	10
	175	QN2175■	QN2175R ^② ■	10
	200	QN2200	QN2200R ^②	10
QNH 2-Pole 120/240V AC	150	QN2150H	QN2150RH ^②	22
	175	QN2175H■	QN2175RH ^② ■	22
	200	QN2200H	QN2200RH ^②	22
HQN 2-Pole 120/240V AC	150	HQN2150	HQN2150R ^②	65
	175	HQN2175■	—	65
	200	HQN2200	HQN2200R ^②	65

Requires 4 panel spaces, 2 adjacent and 2 opposite. **SHIPPING:** 1 per carton (Wt. 3 lbs.)

Main Breaker Kits

For use in Ultimate Load Centers ^②			For use in EQIII Load Centers			
UL Type	Ampere Rating	Catalog Number	UL Type	Ampere Rating	Catalog Number	UL Interrupting Ratings (kA)
EQ8681	100	MBK100A	EQ9675	100	MBK100	22
EQ8682	125	MBK125A	EQ9677	125	MBK125	22
EQ8693	150	MBK150A	EQ9683	150	MBK150	22
—	—	—	EQ9684	175	MBK175■	22
EQ8695	200	MBK200A	EQ9685	200	MBK200	22
EQ8696	225	MBK225A	EQ9686	225	MBK225	22

Breaker Type	Ampere Rating	Catalog Number	UL Interrupting Ratings (kA)
QPJ ^③ 3-Pole 240V AC	125	QPJ3125	10
	150	QPJ3150	10
	200	QPJ3200	10

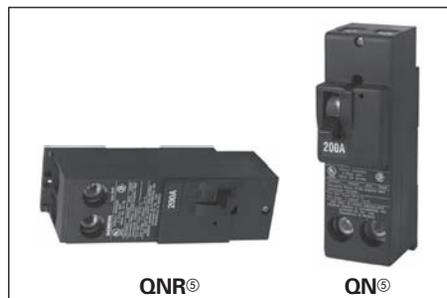
Requires 6 spaces due to cross over design. Fits only EQIII 125-400A 3-phase load centers

SHIPPING: 5 per carton (Wt. 17 lbs.)

Breaker Type	Ampere Rating	Catalog Number	UL Interrupting Breaker Ratings (kA) Volts AC 120/240
QPP 2-Pole 120/240V AC	125	Q2125B	10
	150	Q2150B	10
	175	Q2175B■	10
	200	Q2200B	10
	225	Q2225B	10
QPPH 2-Pole 120/240V AC	125	Q2125BH	22
	150	Q2150BH	22
	175	Q2175BH■	22
	200	Q2200BH	22
	225	Q2225BH■	22
HQPP 2-Pole 120/240V AC	125	Q2125BHH■	65
	150	Q2150BHH	65
	175	Q2175BHH■	65
	200	Q2200BHH	65
	225	Q2225BHH■	65
HQPPH 2-Pole 120/240V AC	100	HQ2100BH■	100
	125	HQ2125BH■	100
	150	HQ2150BH■	100
	175	HQ2175BH■	100
	200	HQ2200BH■	100
	225	HQ2225BH■	100

For inches / millimeters conversion, see Application Data section.
■ Built to order. Allow 2-3 weeks for delivery.

- ① All circuit breakers on this page are common trip.
- ② Reverse handle.
- ③ CSA Listed.
- ④ MBK100A for use in 100 and 125A load centers.
MBK125A for use in 125A load centers.
MBK150A for use in 150, 200 and 225A load centers.
MBK200A for use in 200 and 225A load centers.
MBK225A for use in 225A load centers.
MBK175A for use in 200 and 225A load centers.



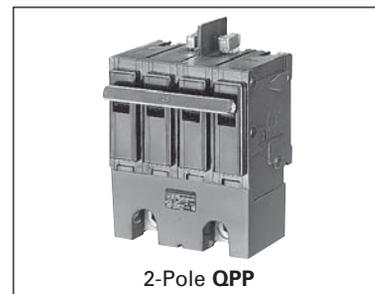
QNR^⑤ **QN**^⑤



EQ96XX



MBK
(100,125)A **MBK**
(150,200,225)A



2-Pole QPP



QPJ

⑤ QNR required for horizontal applications or vertical applications where the lugs are facing up. The QN breaker is required for vertical applications where the lugs are facing down as shown.

Circuit Breakers

• Revised •
06/13/14

Lug Data

Circuit Breaker Type	Circuit Breaker Ampere Rating	Cables Per Connector	Connector Wire Range
	LOAD SIDE		
QP, QPH, HQP, Plug-in	10	2	#14-#16 AWG Cu
	15-35	1	#14-#6 AWG Cu
		1	#14-#6 AWG Al
	40-50	1	#8-#6 AWG Cu
1		#8-#4 AWG Al	
QT	15-35	1	#14-#6 AWG Cu
		1	#14-#6 AWG Al
	40	1	#8 AWG CU-AL
		1	#8-#6 AWG Cu
40-50	1	#8-#4 AWG Al	
	1	#8-#4 AWG Al	
QPF, QPHF	15-30	1	#14-#10 AWG Cu
		1	#12-#8 AWG Al
40-60	1	#8-#6 AWG Cu	
	1	#8-#4 AWG Al	
QAF2, QAFH2, QFGA2, QFGAH2	15-20	1	#14-#12 AWG Cu
		1	#12-#10 AWG Al
QD	15-20	2	#14-#8 AWG Cu Only
	15-20	1	#14-#12 AWG Cu
		1	#12-#10 AWG Al
	25-35	1	#10-#8 AWG Cu
1		#10-#6 AWG Al	
40-60	1	#8-#6 AWG Cu	
	1	#8-#4 AWG Al	
QN, QNH, HQN	150-200	1	#1-300kcmil Cu-Al
QS, QSH, QSHH, HQS, HQSH	100-225	1	#3-300kcmil Cu-Al
EQ8681-Ultimate	100	1	#4-3/0 AWG Cu-Al
EQ8682-Ultimate	125	1	#4-3/0 AWG Cu-Al
EQ8693-Ultimate	150	1	#1-300kcmil Cu-Al
EQ8695-Ultimate	200	1	#1-300kcmil Cu-Al
EQ8696-Ultimate	225	1	#1-300kcmil Cu-Al
QPP, QPPH, HQPP, HQPPH	125	1	#1 AWG Cu
		1	#2/0 AWG Al
	150	1	#1/0 AWG Cu
		1	#3/0 AWG Al
	175	1	#2/0 AWG Cu
1		#4/0 AWG Al	
200	1	#3/0 AWG Cu	
	1	250kcmil AWG Al	
225	1	#4/0 AWG Cu	
	1	300kcmil AWG Al	
EQ9675-EQIII	100	1	#8-#2/0 AWG Cu
		1	#8-#2/0 AWG Al
EQ9677-EQIII	125	1	#8-#2/0 AWG Cu
		1	#8-#2/0 AWG Al
EQ9683-EQIII	150	1	#1/0 AWG Cu
		1	#3/0 AWG Al
EQ9684	175	1	#3/0 AWG Cu
		1	250kcmil AWG AL
EQ9685-EQIII	200	1	#3/0 AWG Cu
		1	250kcmil AWG Al
EQ9686-EQIII	225	1	#4/0 AWG Cu
		1	300kcmil AWG Al
QPJ	125-200	1	#2-300kcmil Cu-Al

1
LOAD CENTERS &
CIRCUIT BREAKERS

Circuit Breakers

• Revised •
06/13/14

Lug Data

Reference

Circuit Breaker Type	Circuit Breaker Ampere Rating	Cables Per Connector	Connector Wire Range
	LOAD SIDE		
QP, QPH, HQP, Plug-in	10	2	#14-#16 AWG Cu
	15-35	1	#14-#6 AWG Cu
		1	#14-#6 AWG Al
	40-50	1	#8-#6 AWG Cu
1		#8-#4 AWG Al	
55-125	1	#8-#2/0 AWG Cu	
	1	#8-#2/0 AWG Al	
QT	15-35	1	#14-#6 AWG Cu
		1	#14-#6 AWG Al
	40	1	#8 AWG CU-AL
40-50	1	#8-#6 AWG Cu	
	1	#8-#4 AWG Al	
QPF, QPHF	15-30	1	#14-#10 AWG Cu
		1	#12-#8 AWG Al
40-60	1	#8-#6 AWG Cu	
	1	#8-#4 AWG Al	
QAF2, QAFH2, QFGA2, QFGAH2	15-20	1	#14-#12 AWG Cu
		1	#12-#10 AWG Al
QD	15-20	2	#14-#8 AWG Cu Only
	15-20	1	#14-#12 AWG Cu
		1	#12-#10 AWG Al
	25-35	1	#10-#8 AWG Cu
1		#10-#6 AWG Al	
40-60	1	#8-#6 AWG Cu	
	1	#8-#4 AWG Al	
QN, QNH, HQN	150-200	1	#1-300kcmil Cu-Al
QS, QSH, QSHH, HQS, HQSH	100-225	1	#3-300kcmil Cu-Al
EQ8681-Ultimate	100	1	#4-3/0 AWG Cu-Al
EQ8682-Ultimate	125	1	#4-3/0 AWG Cu-Al
EQ8693-Ultimate	150	1	#1-300kcmil Cu-Al
EQ8695-Ultimate	200	1	#1-300kcmil Cu-Al
EQ8696-Ultimate	225	1	#1-300kcmil Cu-Al
QPP, QPPH, HQPP, HQPPH	125	1	#1 AWG Cu
		1	#2/0 AWG Al
	150	1	#1/0 AWG Cu
		1	#3/0 AWG Al
	175	1	#2/0 AWG Cu
1		#4/0 AWG Al	
200	1	#3/0 AWG Cu	
	1	250kcmil AWG Al	
225	1	#4/0 AWG Cu	
	1	300kcmil AWG Al	
EQ9675-EQIII	100	1	#8-#2/0 AWG Cu
		1	#8-#2/0 AWG Al
EQ9677-EQIII	125	1	#8-#2/0 AWG Cu
		1	#8-#2/0 AWG Al
EQ9683-EQIII	150	1	#1/0 AWG Cu
		1	#3/0 AWG Al
EQ9684	175	1	#3/0 AWG Cu
		1	250kcmil AWG AL
EQ9685-EQIII	200	1	#3/0 AWG Cu
		1	250kcmil AWG Al
EQ9686-EQIII	225	1	#4/0 AWG Cu
		1	300kcmil AWG Al
QPJ	125-200	1	#2-300kcmil Cu-Al

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MOLDED CASE
CIRCUIT BREAKERS