

Enclosed Circuit Breakers

Complete Assemblies—Molded Case Circuit Breakers

Selection

Selection by Enclosure Type

Circuit Breaker			Complete Assembly				Lug Catalog Number (included)	Neutrals (Not Included)
Breaker Frame	Number of Poles	Ampere Rating	Type 1 Surface	Type 3R	Type 12	Type 4, 4X		Catalog Number
NXD6	2■	900-1200	✓	✓	✓	—	TA3K500 for 800A 2TA4N8500 for 900-1200A 2-Pole 3TA4N8500 for 900-1200A 3-Pole	W63623 ®
	3	900-1200	✓	✓	✓	—		
ND6	2■	800	✓	✓	✓	—		
	2■	900-1200	✓	✓	✓	—		
3	3	800	✓	✓	✓	—		
	3	900-1200	✓	✓	✓	—		
HNXD6	3	900-1200	✓	✓	✓	—		
HND6	2■	800	✓	✓	✓	—		
	2■	900-1200	✓	✓	✓	—		
3	3	800	✓	✓	✓	—		
	3	900-1200	✓	✓	✓	—		
CND6	3■	900-1200	✓	✓	✓	—		
PXD6 ^①	3■	1200-1600	✓	—	—	—	TA5P600	N2000
PD6 ^①	3■	1200-1600	✓	—	—	—		
HPXD6 ^①	3■	1200-1600	✓	—	—	—		
HPD6 ^①	3■	1200-1600	✓	—	—	—		
CPD6 ^①	3■	1200-1600	✓	—	—	—		
RXD6 ^①	3	1600-2000	✓	—	—	—		
RD6 ^①	3■	1600-2000	✓	—	—	—		
HRXD6 ^①	3■	1600-2000	✓	—	—	—		
HRD6 ^①	3■	1600-2000	✓	—	—	—		

6 ENCLOSED CIRCUIT BREAKERS

Special Application Complete Enclosures with Ground Fault Protection

The following assemblies are suitable for use as service entrance devices on services which require ground fault protection.

Selection by Enclosure Type

Breaker Type	Ampere Rating	Catalog Number	Catalog Number	Circuit Breaker Installed	Terminal Connector Installed	Neutral Installed	Neutral Sensor Installed
SND6 w/ground fault■	1000A	E1SSND69100GN	E3RSND69100GN	SND69100AG	3TA4N8500	W63623	N10SNDA
	1200A	E1SSND69120GN	E3RSND69120GN	SND69120AG	3TA4N8500	W63623	N12SNDA
SHND6 w/ground fault■	1000A	E1SSHND69100GN	E3RSHND69100GN	SHND69100AG	3TA4N8500	W63623	N10SNDA
	1200A	E1SSHND69120GN	E3RSHND69120GN	SHND69120AG	3TA4N8500	W63623	N12SNDA

■ Built to order. Allow 2–3 weeks for delivery.
 ✓ Available configuration
 — Not available

① Not assembled — components shipped separately.
 Includes connect-all mounting assembly
 Catalog Number **MB9301**.

② For applications requiring 600MCM neutral conductors (max. 3 in & 3 out) use neutral catalog number **W411239**.

Enclosed Circuit Breakers

Selection by Enclosure Type

Molded Case Switch			Enclosure Type				Lug Catalog Number (included)	Neutrals	
Breaker Frame	Number of Poles	Ampere Rating	Type 1 Surface or Flush	Type 3R	Type 12	Type 4, 4X		Catalog Number	
QR	3	250	✓	✓	✓	✓	TA1QR300	Included with enclosure	
ED2	2 ■	100	✓	✓	✓	✓	Refer to page 7-86	Catalog Number W53045 included with enclosure	
	3	100	✓	✓	✓	✓			
ED4	2 ■	100 125	✓ ✓	✓ ✓	✓ ✓	✓ ✓	Refer to page 7-86		
	3	100 125	✓ ✓	✓ ✓	✓ ✓	✓ ✓			
ED6	2 ■	100 125	✓ —	✓ —	✓ —	✓ —	Refer to page 7-86		
	3	100 125	✓ ✓	✓ ✓	✓ ✓	✓ ✓			
CED6	2 ■	100 125	✓ ✓	✓ ✓	✓ ✓	— —	Refer to page 7-86		
	3 ■	100 125	✓ ✓	✓ ✓	✓ ✓	— —			
DG	2	150	✓	✓	✓	✓	TA1DG30		Catalog Number N250X Included with enclosure
	3	150	✓	✓	✓	✓			
FG	2	250	✓	✓	✓	✓	TAW1FG350		
	3	250	✓	✓	✓	✓			

Molded Case Switch			Enclosure Type					Lug Catalog Number (included)	Neutrals (not included)
Breaker Frame	Number of Poles	Ampere Rating	Type 1 Surface	Type 1 Flush	Type 3R	Type 12	Type 4, 4X		Catalog Number
FXD6	2	250	✓	✓	✓	✓	✓	TA1FD350A	N250 ^③
	3	250	✓	✓	✓	✓	✓		
CFD6	3 ■	250	✓	✓	✓	✓	—		
JXD2	2 ■	400	✓	—	✓	✓	✓	TA2J6500	W60992 ^②
	3	400	✓	—	✓	✓	✓		
JXD6	3	400	✓	—	✓	✓	✓	TA2J6500	W60992 ^②
CJD6	3 ■	400	✓	—	✓	✓	—	TA2J6500	W60992 ^②
LXD6	3	600	✓	—	✓	✓	✓	TA2J6500	W60993 ^④
CLD6	3 ■	600	✓	—	✓	✓	—	TA2J6500	W60993 ^④
MXD6	3	800	✓	—	✓	✓	—	TA3K500	W63623 ^⑤
CMD6	3 ■	800	✓	—	—	✓	—		
NXD6	3	1200	✓	—	—	✓	—	3TA4N8500	W63623 ^⑤
CND6	3 ■	1200	✓	—	—	✓	—		
PXD6 ^①	3 ■	1600	✓	—	—	—	—	TA5P500	N2000
RXD6 ^①	3 ■	2000	✓	—	—	—	—	TC5R600	N2000

■ Built to order. Allow 2–3 weeks for delivery.

✓ Available configuration

— Not available

① Not assembled — components shipped separately. Includes connect-all mounting assembly Catalog Number MB9301.

② Order Catalog Number **W60993** neutral for Type 4, 4X enclosure or when a 200% neutral is required.

③ For 200% neutral order catalog number **N2250**

④ For 200% neutral in Type 1, 3R & 12 enclosures use neutral catalog number **W63623**.

⑤ For applications requiring 600 MCM neutral conductors (Max. 3 in and 3 out) use neutral catalog number **W411239**.

Enclosed Circuit Breakers

Dimensions

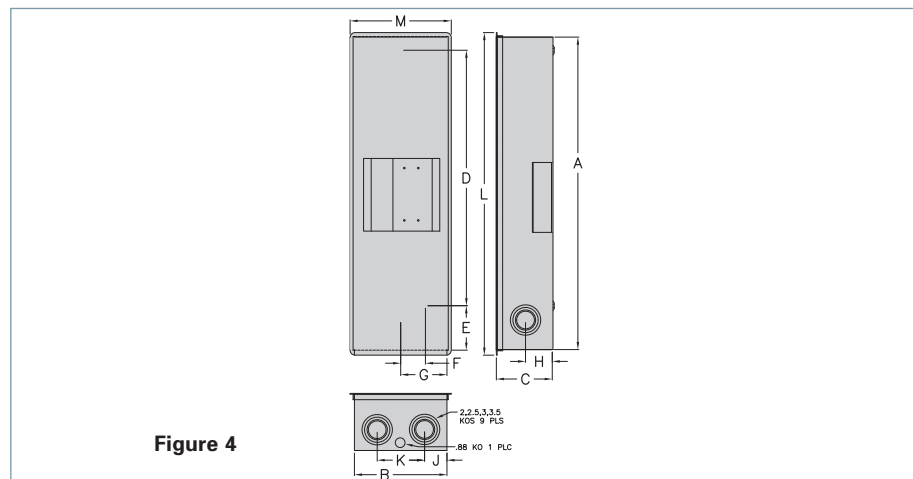


Figure 4

Figure Number	Breaker Frame	Number of Poles	Maximum Current Rating	Catalog Number	Weight Lb./Ship. Package	Dimensions (inches)													
						A	B	C	D	E	F	G	H	J	K	L	M	N	P
4	QR2, QR2H, HQR2, HQR2H	2–3	250	QR2N3R3 QR2N1(S)(F)	40	31.4	9.1	5.6	25.3	6.1	2.4	4.6	2.2	2.1	4.9	32.2	9.6	—	—
4	DG, FG	2–3	250	FG6N1(S)(F)®	40	31.4	9.1	5.6	25.3	6.1	2.4	4.6	2.2	2.1	4.9	32.2	9.6	—	—

Neutrals

Neutral Catalog Number	Enclosure Catalog Number	Neutral Cable Capacity and Wire Range
N250X	QR2N1(S)(F) FG6N1(S)(F)	6 AWG – 350 kcmil Cu/Al Grd. Lug 14 AWG –1/0 AWG Cu/Al
N125GG	GG0121SN/FN	(1 pc.) #14-2/0 Cu/Al, (1 pc.) #1-300 kcmil Cu/Al Grd. Lug (1 pc.) #12 - #4 Cu/Al (3 pcs.)#12 - #10 Cu/Al
W53045	E2N1(S)(F)	(1 pc.) #14-2 Cu/Al
	CED6N1(S)(F)®	Grd. Lug (1 pc.) #14-8 Cu/Al
N250	F6N1(S)(F)	(1 pc.) #6-350 kcmil Cu/Al Grd. Lug (1 pc.) #14-2/0 Cu/Al
W60992	J6N1	(1 pc.) #1/0-750 kcmil Cu/Al or (2 pcs.) #1/0-300 kcmil Cu/Al Grd. Lug (1 pc.) #6-250 kcmil Cu/Al
W60993	LD6N1	(2 pcs.) #1/0-600 kcmil Grd. Lug (1 pc.) #6-250 kcmil Cu/Al
W63623	LMD1	(4 pcs.) 250 kcmil-500 kcmil Cu/Al®
	MND61	Grd. Lug (1 pc.) #6-300 kcmil Cu/Al
N2000	PRD6N1	(6 pcs.) #3/0-750 kcmil Cu/Al Grd. Lug (2 pcs.) #3/0-750 Cu/Al

200% Neutrals (For Type 1, 3R, 4/4X and 12 Enclosures)

Neutral Catalog Number	Enclosure Catalog Number	Neutral Cable Capacity and Wire Range
N2250	F6N1(S)(F)®	(2 pcs.) #4-350 kcmil Cu/Al Grd. Lug (1 pc.) #14-2/0 Cu/Al
N2250X	QR2N1(S)(F) FG6N1(S)(F)	6 AWG – 350 kcmil Cu/Al Grd. Lug 6 AWG – 2/0 AWG Cu/Al
W60993	J6N1 ^⑦	(2 pcs.) #1/0-600 kcmil Grd. Lug (1 pc.) #6-250 kcmil Cu/Al
W63623	LD6N1 ^⑧	(4 pcs.) 250 kcmil-500 kcmil Cu/Al Grd. Lug (1 pc.) #6-300 kcmil Cu/Al

For inches / millimeters conversion, see Application Data section.

- ①Surface mounted, indoor. If flush mounting is required, replace suffix “S” in catalog number with suffix “F”. Also, if outdoor model required, use prefix “W” instead of “E”.
- ②Neutral not included. Order as separate item from table on next page.

- ③Surface mounted, indoor. If outdoor model is required, use prefix “W” instead of “E”. Not available in flush (“F”) model.
- ④Use for 110-125 ampere ED4, ED6, or HED4 circuit breakers.
- ⑤Will not accept breaker with shunt trip.
- ⑥Also for use with Type 3R, 12, 12K & 4X enclosures (Catalog numbers F6N3R, F6N12, F6N12K & FD6SS4).

- ⑦Also for use with Type 3R, 12 & 4X enclosures (Catalog numbers J6N3R, J6N12, & LD6SS4).
- ⑧Also for use with Types 3R and 12 enclosures (Catalog numbers LD6N3R & LD6N12).
- ⑨For 600 MCM neutral cable (3) in, (3) out (#4-600 kcmil Cu/Al) use catalog number W411239