

Enclosed Circuit Breakers

Complete Assemblies—Molded Case Circuit Breakers

Selection

Selection by Enclosure Type

Circuit Breaker			Complete Assembly				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
HED4	2	15-60	✓	✓	✓	✓	Refer to page 7-88	Catalog Number W53045 included with enclosure
	2	70-100	✓	✓	✓	✓		
	2■	110-125	✓	✓	✓	✓		
	3	15-60	✓	✓	✓	✓	Refer to page 7-88	
	3	70-100	✓	✓	✓	✓		
	3	110-125	✓	✓	✓	✓		
CED6	2■	15-100	✓	✓	✓	—	Refer to page 7-88	
	2■	110-125	✓	✓	✓	—		
	3	15-100	✓	✓	✓	—		
	3■	110-125	✓	✓	✓	—		

Circuit Breaker			Complete Assembly				Lug Catalog Number (included)	Neutrals (not included)
Breaker Frame	Number of Poles	Ampere Rating	Type 1 Surface or Flush	Type 3R	Type 12	Type 4, 4X		Catalog Number
FXD6, FD6	2■	70-225 250	✓ ✓	✓ ✓	✓ ✓	✓ ✓	TA1FD350A	N250 ^②
	3	70-225 250	✓ ✓	✓ ✓	✓ ✓	✓ ✓		
HFD6	2■	70-225 250	✓ ✓	✓ ✓	✓ ✓	✓ ✓		
	3■	70-225 250	✓ ✓	✓ ✓	✓ ✓	✓ ✓		
CFD6	3■	70-225 250	✓ ✓	✓ ✓	✓ ✓	— —		
JXD2	2■	200-400	✓	✓	✓	✓	TA2J6500	W60992 ^①
	3	200-400	✓	✓	✓	✓		
JXD6, JD6	2■	200-400	✓	✓	✓	✓		
	3	200-400	✓	✓	✓	✓		
HJD6	2■	200-400	✓	✓	✓	✓		
	3	200-400	✓	✓	✓	✓		
HHJD6	2■	200-400	✓	✓	✓	✓		
	3■	200-400	✓	✓	✓	✓		
CJD6	3■	200-400	✓	✓	✓	—		

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

✓ Available configuration

— Not available

① Order catalog number **W60993** neutral for type 4, 4X enclosure or when a 200% neutral is required.

② For 200% neutral order catalog number **N2250**

Enclosed Circuit Breakers

Complete Assemblies—Molded Case Circuit Switches

Selection

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
QJ2	2 ■	225	✓	✓	—	—	TA1Q300	Included with enclosure
	3	225	✓	✓	—	—		
ED2	2 ■	100	✓	✓	✓	✓	Refer to page 7-88	Catalog Number W53045 included with enclosure
	3	100	✓	✓	✓	✓		
ED4	2 ■	100 125	✓ ✓	✓ ✓	✓ ✓	✓ ✓	Refer to page 7-88	
	3	100 125	✓ ✓	✓ ✓	✓ ✓	✓ ✓		
ED6	2 ■	100 125	✓ —	✓ —	✓ —	✓ —	Refer to page 7-88	
	3	100 125	✓ ✓	✓ ✓	✓ ✓	✓ ✓		
CED6	2 ■	100 125	✓ ✓	✓ ✓	✓ ✓	— —	Refer to page 7-88	
	3 ■	100 125	✓ ✓	✓ ✓	✓ ✓	— —		

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

Enclosures — Type 1

Selection

Dimensions

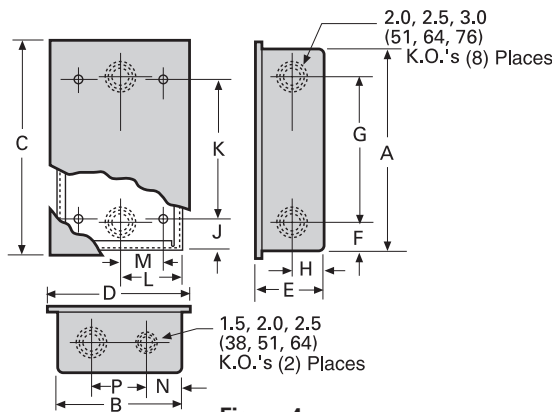


Figure 4

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	QJ2, QJH2, QH2-H	2-3	225	EB3225S EB3225F	15	27 27	10 1/8 10 1/8	27 28 1/8	10 1/8 11 1/8	5 1/4 5 1/4	2 13/16 2 13/16	21 1/8 21 1/8	2 3/8 2 3/8	3 3	20 20	5 1/8 5 1/8	2 3/4 2 3/4	2 3/4 2 3/4	4 1/2 4 1/2

Neutrals

Neutral Catalog Number	Enclosure Catalog Number	Neutral Cable Capacity and Wire Range
N225QJ	EB3225(S)(F)	(1 pc.) #4 - 2/0 Cu/Al (1 pc.) #1 - 300 kcmil Cu/Al Gnd. Lug (1 pc.) #14 - #4 & (3 pcs.) #14 - #10 Cu or (1 pc.) #12 - #4 & (3 pcs.) #12 - #10 Al
N125GG	GG0121SN/FN	(1 pc.) #14-2/0 Cu/Al, (1 pc.) #1-300 kcmil Cu/Al Gnd. Lug (1 pc.) #12 - #4 Cu/Al (3 pcs.) #12 - #10 Cu/Al
W53045	E2N1(S)(F)	(1 pc.) #14-2 Cu/Al Gnd. Lug (1 pc.) #14-8 Cu/Al
	CED6N1(S)(F)®	
N250	F6N1(S)(F)	(1 pc.) #6-350 kcmil Cu/Al Gnd. 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 Gnd. Lug (1 pc.) #6-250 kcmil Cu/Al
W60993	LD6N1	(2 pcs.) #1/0-600 kcmil Gnd. Lug (1 pc.) #6-250 kcmil Cu/Al
W63623	LMD1	(4 pcs.) 250 kcmil-500 kcmil Cu/Al® Gnd. Lug (1 pc.) #6-300 kcmil Cu/Al
	MND61	
N2000	PRD6N1	(6 pcs.) #3/0-750 kcmil Cu/Al Gnd. 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 Gnd. Lug (1 pc.) #14-2/0 Cu/Al
W60993	J6N1®	(2 pcs.) #1/0-600 kcmil Gnd. Lug (1 pc.) #6-250 kcmil Cu/Al
W63623	LD6N1®	(4 pcs.) 250 kcmil-500 kcmil Cu/Al Gnd. 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

Enclosed Circuit Breakers

Enclosures — Type 3R

Selection / Dimension

Dimensions

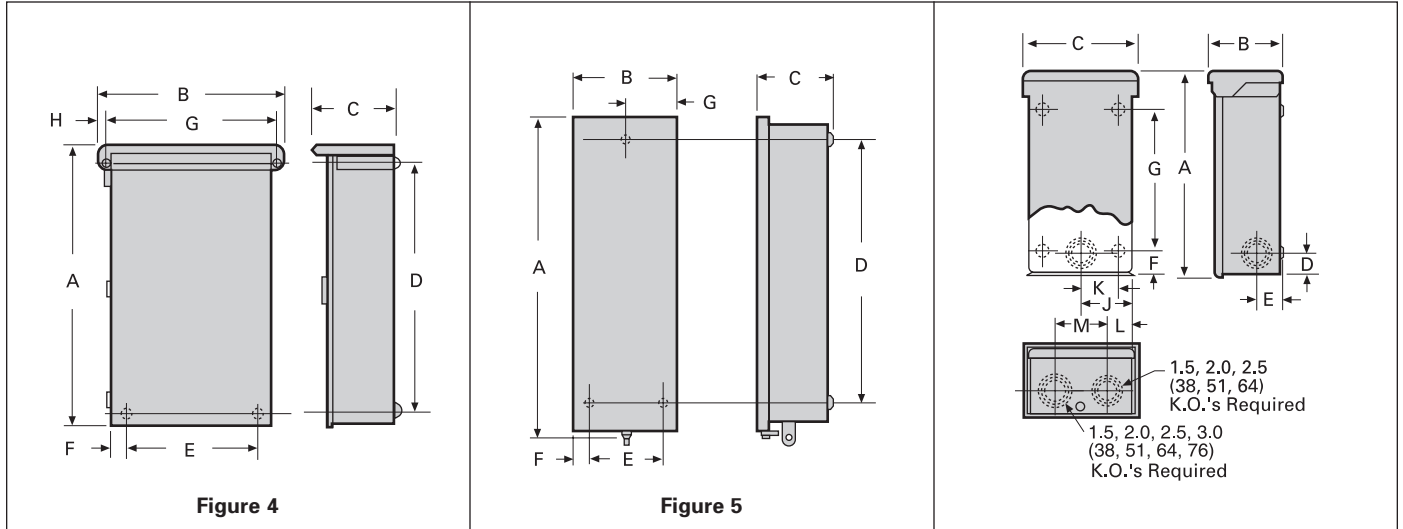


Figure Number	Breaker Frame	Number of Poles	Maximum Current Rating	Catalog Number	Weight Lb./Ship. Package	Dimensions (inches)											
						A	B	C	D	E	F	G	H	J	K	L	M
6	QJ2, QJH2, QJ2-H	2	225	WB2225	17	27	5	7 ¹¹ / ₁₆	2 ¹ / ₄	2	2 ⁷ / ₈	20	4 ¹ / ₈	3 ³ / ₈	2 ³ / ₄	2 ³ / ₄	—
		3	225	WB3225	17	27	5 ⁵ / ₈	10 ³ / ₈	2 ¹ / ₄	2	2 ⁷ / ₈	20	4 ¹ / ₈	5 ¹ / ₈	2 ³ / ₄	2 ³ / ₄	4 ¹ / ₂

Neutrals^④

Neutral Catalog Number	Enclosure Catalog Number	Neutral Cable Capacity and Wire Range
N125GG	GG0123RN	(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
N225QJ	WB2225	(1 pc.) #4 - 2/0 Cu/Al (1 pc.) #1 - 300 kcmil Cu/Al
	WB3225	Gnd. Lug (1pc.) #14 - #4 & (3 pcs.) #14 - #10 Cu or (1 pc.) #12 - #4 & (3 pcs.) #12 - #10 Al
W53045 ^②	E2N3R	(1 pc.) #14-2 Cu/Al
	CED6N3R ^③	Grd. Lug (1 pc.) #14-8 Cu/Al
N250 ^④	F6N3R	(1 pc.) #6-350 kcmil Grd. Lug (1 pc.) #14-2/0 Cu/Al
W60992 ^④	J6N3R	(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 ^④	LD6N3R	(2 pcs.) #1/0-600 kcmil Grd. Lug (1 pc.) #6-250 kcmil Cu/Al
W63623	LMD3R	(4 pcs.) 250 kcmil-500 kcmil Cu/Al ^⑤
	MND63	Grd. Lug (1 pc.) #6-300 kcmil Cu/Al

Hubs — see page 6-14.

For inches / millimeters conversion, see Application Data section.

④Neutral not included. Order as separate item from table on next page.

②Neutral included in enclosure.

③ Use CED enclosure for all ED-frame 110-125 ampere units.

④200% neutrals are also available. See listing on page 6-9.

⑤For applications requiring 600MCM neutral conductors (3) in, (3) out (#4-600 kcmil Cu/Al) use neutral catalog number W41123.

Enclosed Circuit Breakers

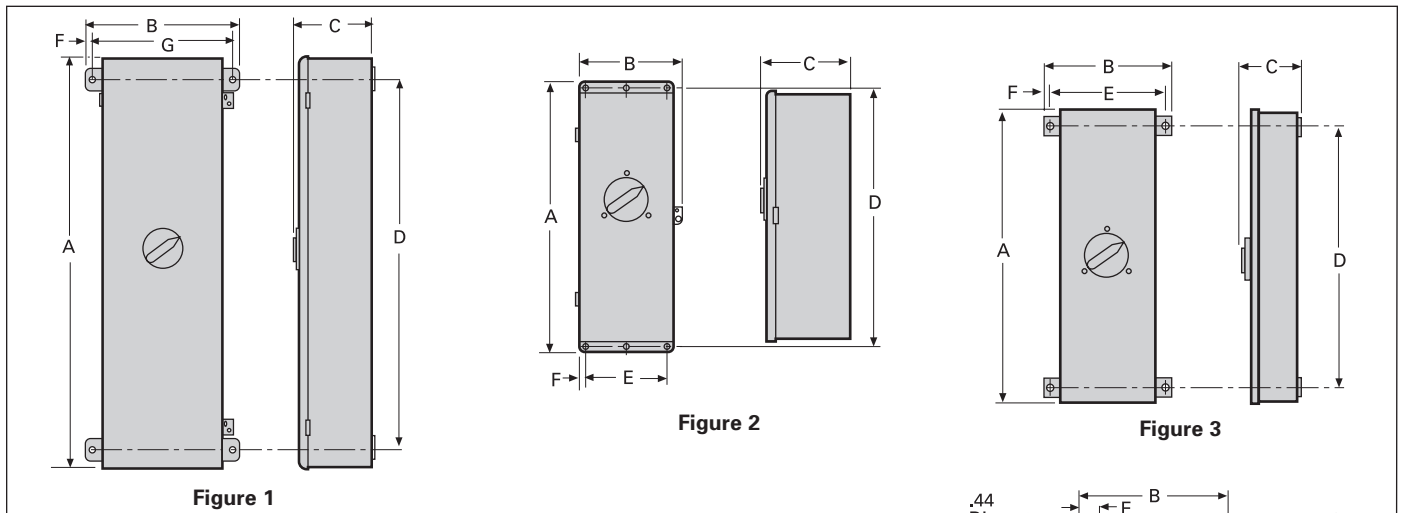
Enclosures — Types 5, 12 and 12K

Selection / Dimensions

Types 5, 12 and 12K

Figure Number	Breaker Frame	Number of Poles	Maximum Current Rating	Catalog Number ^②	Weight Lb./Ship. Package	Dimensions (inches)					
						A	B	C	D	E	F
2	ED2, ED4, ED6, HED4	2–3	100	E2N12 ^{①④}	12	18 ⁵ / ₈	8 ¹ / ₂	7 ¹ / ₈	18	6 ¹ / ₈	¹ / ₂
1	CED6, ED2, ED4, ED6	2–3	125	CED6N12 ^{①④} ■	16	23 ³ / ₈	8 ¹ / ₂	7 ¹ / ₈	22 ³ / ₈	6 ¹ / ₈	¹ / ₂
2	FXD6, FD6, FXD6, FD6, HFD6, CFD6	2–3	250	F6N12 ^{①③}	40	38 ¹⁹ / ₃₂	14 ²⁹ / ₆₄	8 ³ / ₈	34	13	²³ / ₃₂
3	JXD2, JD6, JXD6, HJD6, HJXD6, HHJD6, HHJXD6, SJD6, SHJD6	2–3	400	J6N12	104	41 ¹ / ₂	21 ⁵ / ₈	11 ¹ / ₈	37 ⁵ / ₃₂	20 ³ / ₈	⁵ / ₈
3	LD6, LXD6, HLD6, HLXD6, HHLD6, HHLXD6, SLD6, SHLD6, CJD6, CLD6, SCJD6, SCLD6	2–3	600	LD6N12■	104	46 ¹ / ₂	21 ⁵ / ₈	11 ¹ / ₈	42 ⁵ / ₃₂	20 ³ / ₈	⁵ / ₈
4	LMXD6, LMD6, HLMXD6, HLMD6	2–3	800	LMD12■	220	60	37 ³ / ₈	10	³ / ₈	3	2
4	MD6, MXD6, SMD6, HMD6, HMXD6, SHMD6, ND6, NXD6, SND6, HND6, HNXD6, SHND6, CMD6, SCMD6, CND6, SCND6	2–3	1200	MND612 ^③ ■	220	60	37 ³ / ₈	10	⁵ / ₈	3	2

Dimensions



Neutrals

Neutral Catalog Number	Enclosure Catalog Number	Neutral Cable Capacity and Wire Range
W53045 ^①	E2N12	(1 pc.) #14–2 Cu/Al
	CED6N12 ^⑤	(1 pc.) #14–2 Cu/Al
N250 ^{③④}	F6N12	(1 pc.) #6–350 kcmil Grd. Lug (1 pc.) #14–2/0 Cu/Al
W60992 ^{③④}	J6N12	(1 pc.) #1/0–750 kcmil Cu/Al or (2 pc.) #1/0–300 kcmil Cu/Al Grd. Lug (1 pc.) #6–250 kcmil Cu/Al
W60993 ^{③④}	L6N12	(2 pcs.) #1/0–600 kcmil Grd. Lug (1 pc.) #6–250 kcmil Cu/Al
W63623 ^③	LMD612	(4 pcs.) 250 kcmil–500 kcmil Cu/Al Grd. Lug (1 pc.) #6–300 kcmil Cu/Al
	MND612	

For inches/millimeters conversion, see Application Data section.
 ■ Built to order. Allow 2–3 weeks for delivery.
 Note: All above enclosures are suitable for use as service entrance devices.

①Catalog Number is for Type 12. If Type 12K with knockouts is required, add suffix "K" to catalog number.
 ②Does not include circuit breaker.
 ③Order circuit breaker separately.
 ④Neutral not included. Order as separate item.
 ⑤Neutral included in enclosure.

⑥Use CED enclosure for all ED-frame 110–125 ampere units.
 ⑦200% neutrals are also available. See listing on page 6-9.
 ⑧For 600 MCM neutral cable (3) in, (3) out (#4–600 kcmil Cu/Al) use catalog number W411239
 ⑨Includes 100% rated breakers.