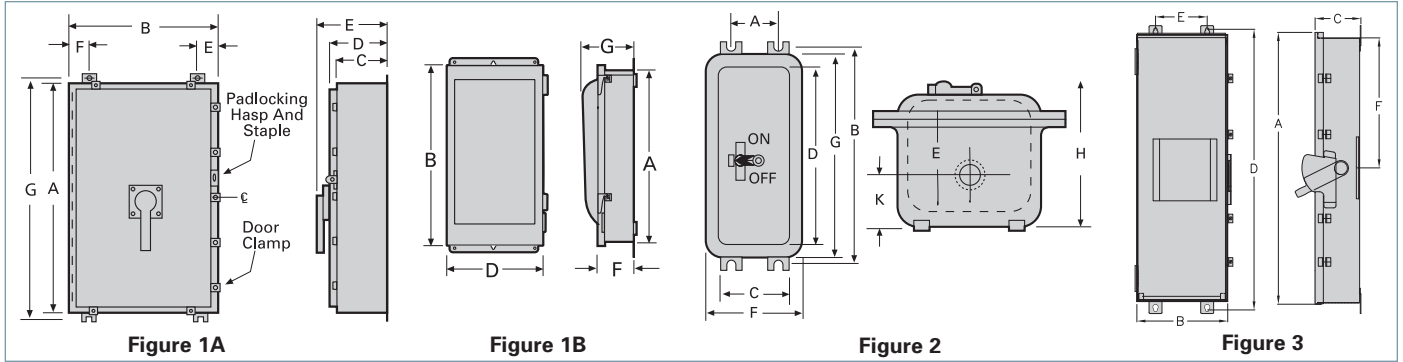


# Enclosed Circuit Breakers

Enclosures — Types 4, 4X, 7, and 9

Selection / Dimensions

## Dimensions



### Types 4 and 4X

Breaker Frame	See Fig.	No. of Poles	Max. Current Rating	Catalog Number <sup>①</sup>	Weight Lb./Ship Package	Dimensions (inches)						
						A	B	C	D	E	F	G
NGG, HGG, LGG <sup>②</sup>	1A	2-3	125	GG0124XN		19.25	17.25	9.5	—	3.63	3.63	18.75
QR2, QR2H, HQR2, HQR2H	3	2-3	250	QR2N4X, QR2N4X316 <sup>③</sup>	42	32.1	10.4	5.7	35.4	6.0	16.0	—
ED2, ED4, ED6, HED4 <sup>④</sup>	1A	3	125	ED6SS4 <sup>⑤</sup>	44	20.0	16.0	6.0	7.16	9.75	3.0	—
3VA51	3	2,3	125	3VAE125N4X	18.6	19.4	7.7	5.7	19.5	5.0	9.3	—
				3VAE125N4X316 <sup>③</sup>	18.6	19.4	7.7	5.7	19.5	5.0	9.3	—
3VA52, 3VA61, 3VA62	3	2,3	250	3VAE250N4X	22.3	32.2	10.2	5.8	32.9	6.0	18.0	—
				3VAE250N4X316 <sup>③</sup>	22.3	32.2	10.2	5.8	32.9	6.0	18.0	—
DG, FG	3	2-3	250	FG6N4X, FG6N4X316 <sup>③</sup>	42	32.1	10.4	5.7	35.4	6.0	16.0	—
FXD6, FD6, <sup>⑥</sup> HFD6, FXD6, FD6	1A	2-3	250	FD6SS4 <sup>⑤</sup>	106	36.0	24.0	8.0	9.16	11.75	3.0	—
JXD2, JXD6, JD6, <sup>⑦</sup> HJD6, HJXD6, HHJD6, HHJXD6, SJD6, SHJD6, LXD6, LD6, HLD6, HLXD6, HHLXD6, HHLXD6, SLD6, SHLD6	1A	2-3	600	LD6SS4 <sup>⑧</sup>	145	42.0	30.0	10.0	11.16	13.75	3.0	—
3VA53, 3VA54, 3VA63, 3VA64	3	2-3	600	3VA6004X, 3VA6004X316	80	48.75	22.25	7.38	47.19	16.0	22.25	—
3VA55, 3VA65	3	2-3	800	3VAE8004X, 3VAE8004X316	126	60.1	22.9	10.7	61.1	16.0	30.6	—

### Neutrals

Neutral Catalog No.	Enclosure Catalog No. <sup>②</sup>	Neutral Cable Capacity and Wire Range
N125GG4X	GG0124XN	#14-4 Cu / #12-2 Al
W53045 <sup>③</sup>	ED6SS4	(1 pc.) #14-2 Cu/Al Grd. Lug (1 pc.) #14-8 Cu/Al
N125X	3VAE125N4X	(1 pc.) #14 - 3/0 Cu/Al Grd. Lug (1 pc.) #14 - #4 Cu/Al
N250X	QR2N4X, QR2N4X316, FG6N4X, FG6N4X316, 3VAE125N4X316, 3VAE250N4X, 3VAE250N4X316	(1 pc.) #6 - 350 kcmil Cu/Al Grd. Lug (1 pc.) #14 - 1/0 Cu/Al
N250 <sup>④⑤</sup>	FD6SS4	(1 pc.) #6-350 kcmil Grd. Lug (1 pc.) #14-2/0 Cu/Al
W60993 <sup>③⑥</sup>	LD6SS4	(2 pcs.) #1/0-600 kcmil Grd. Lug (1 pc.) #6-250 kcmil Cu/Al
HN656ACB	3VAE6004X, 3VAE6004X316 3VAE8004X, 3VAE8004X316	(2 pcs.) 1/0 - 600 kcmil Cu/Al Grd. Lug (2 pc.) #6 - 300 kcmil Cu/Al

Figure 2 Types 7 and 9<sup>⑤</sup>

Breaker Frame	No. of Poles	Maximum Current Rating	Catalog No. <sup>④⑤</sup>	Weight Lb./Ship. Package	Dimensions (inches)									Knockouts	
					Mounting			Inside			Outside			Conduit Size	
					A	B	C	D	E	F	G	H	K	Std.	Max
ED2, ED4,		15-60	EA <sup>■</sup>	27	5.5	13.1	5.9	10.7	5.4	9.4	14.2	6.6	1.6	1.2	1.2
ED6, HED4	2-3	70-100	EB <sup>■</sup>	32	6.0	18.0	6.5	16.0	5.6	9.8	19.3	6.7	2.0	2.0	2.0
CED6	2-3	100	N/A												
FXD6, FD6, HFD6, HFXD6, CFD6	2-3	250	EC2 <sup>■</sup>	85	10.2	22.6	11.7	20.0	6.5	15.3	23.8	8.2	2.7	2.5	2.0
JXD2, JXD6, JD6, SJD6, HJD6, HJXD6, HHJD6, HHJXD6, SHJD6	2-3	200-350	EC4 <sup>■</sup>	85	10.2	22.6	11.7	20.0	6.5	15.3	23.8	8.2	2.7	2.5	3.0
LXD6, LD6, SLD6, HLD6, HLXD6, HHLXD6, HHLXD6, SHLD6	2-3	600	ED6 <sup>■</sup>	190	11.8	40.7	13.3	37.8	7.8	18.1	46.6	9.8	3.6	4.0	4.0

For inches / millimeters conversion, see Application Data selection.  
Note: Above enclosures are suitable for use as service entrance equipment.

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

① Does not include circuit breaker.

Order circuit breaker separately.

② Enclosures shipped with handle and breaker hardware packaged within enclosure.

③ Neutral included.

④ Neutral not included. Order as separate item.

⑤ Breather and drain option is by SPECIAL ORDER only — add \$70.00 to list price.

⑥ For 400A max. 4/4x applications which require a 200% Neutral. See listing on page 6-9.

⑦ Suitable for use as Service Entrance device.

⑧ Includes 100% rated breakers.

⑨ Non-metallic enclosure.

⑩ 304 Stainless Steel enclosures.

⑪ 316 Stainless Steel enclosures.