

3VA Molded Case Circuit Breakers

3VA62 250A Electronic Trip Circuit Breakers

Technical information

Connectors for 75C wire for 3VA62

Type	Minimum cable size	Maximum cable size	Part Number (kit of 3 lugs)	Part Number (kit of 4 lugs)
Steel Wrap around (Cu cable only) single cable lugs	AWG 10	3/0	3VA9143-0JA12	3VA9144-0JA12
	AWG 4	350 kcmil	3VA9243-0JA12	3VA9244-0JA12
Aluminum Body Lug (Cu/Al cable) single cable lugs	AWG 14	1/0	3VA9143-0JB11	3VA9144-0JB11
	AWG 6	350 kcmil	3VA9243-0JB12	3VA9244-0JB12
Aluminum body lug with control wire tap (Cu/Al cable) single cable lugs	AWG 14	1/0	3VA9143-0JG11	3VA9144-0JG11
	AWG 6	350 kcmil	3VA9243-0JG12	3VA9244-0JG12
Aluminum body lug large (Cu/Al cable) single cable lugs and 1 ext'd terminal cover	AWG 2	350 kcmil	3VA9243-0JJ13	3VA9244-0JJ13
Aluminum body lug large with control wire tap (Cu/Al cable) single cable lugs and 1 extended terminal cover	AWG 2	350 kcmil	3VA9243-0JC13	3VA9244-0JC13
Aluminum body lug, 2 cables (Cu/Al cable) with 1 extended terminal cover	AWG 4	300 kcmil	3VA9243-0JJ22	3VA9244-0JJ22
Aluminum body lug, 2 cables (Cu/Al cable) with control wire tap and 1 extended terminal cover	AWG 4	300 kcmil	3VA9243-0JC22	3VA9244-0JC22
Distribution lug, 6 Cables (Cu/Al cable) with 1 extended terminal cover	AWG 14	AWG 2	3VA9243-0JF60	3VA9244-0JF60
Copper body lug (Cu cable only) single cable lugs (meets requirements for 100% rated breakers)	AWG 14	1/0	3VA9143-0JD11	3VA9144-0JD11
	AWG 6	350 kcmil	3VA9243-0JD12	3VA9244-0JD12
Copper body lug (Cu cable only) with control wire tap single cable lugs	AWG 14	1/0	3VA9143-0JK11	3VA9144-0JK11
	AWG 6	350 kcmil	3VA9243-0JK12	3VA9244-0JK12

Interrupting Ratings for 3VA62

Interrupting Class	Breaker Type	RMS Symmetrical Amperes (kA)				
		Volts AC (50/60 Hz)				
		240	480Y/277V	480	600Y/347V	600
M	MFAE-Y	100	35	35	18	—
H	HFAE-Y	100	65	65	22	—
C	CFAE-Y	200	100	100	35	—
L	LFAE-Y	200	150	150	50	—

Enclosures (3-pole only)

Nema Type	Catalog Number
1 surface	3VAE250N1S
1 flush	3VAE250N1F
3R	3VAE250N3R
12	3VAE250N12
4X (304)	3VAE250N4X
4X (316)	3VAE250N4X316
Neutral	N250X
200% Neutral	N2250X

Dimensions

Breaker	Poles	W in. (mm)	H in. (mm)	D in. (mm)	lbs.	kg
3VA62	3	4.1 (105)	7.8 (198)	3.4 (86)	5.5	2.5
3VA62	4	5.5 (140)	7.8 (198)	3.4 (86)	7.1	3.2

Shipping Weight