

3VA Molded Case Circuit Breakers

3VA41 125A Thermal-magnetic Trip Circuit Breakers

Selection

3VA41 125A Frame, 3-Pole Thermal-Magnetic Trip Unit

Cont. Amp Rating	S-Interrupting Class (SEAB)	M-Interrupting Class (MEAB)	H-Interrupting Class (HEAB)
	Catalog Number	Catalog Number	Catalog Number
TM210 FTFM			
15	3VA4195-4ED34-0AA0 ^{①②}	3VA4195-5ED34-0AA0 ^{①②}	3VA4195-6ED34-0AA0 ^{①②}
20	3VA4120-4ED34-0AA0 ^{①②}	3VA4120-5ED34-0AA0 ^{①②}	3VA4120-6ED34-0AA0 ^{①②}
25	3VA4125-4ED34-0AA0 ^②	3VA4125-5ED34-0AA0 ^②	3VA4125-6ED34-0AA0 ^②
30	3VA4130-4ED34-0AA0 ^②	3VA4130-5ED34-0AA0 ^②	3VA4130-6ED34-0AA0 ^②
35	3VA4135-4ED34-0AA0 ^②	3VA4135-5ED34-0AA0 ^②	3VA4135-6ED34-0AA0 ^②
40	3VA4140-4ED34-0AA0 ^②	3VA4140-5ED34-0AA0 ^②	3VA4140-6ED34-0AA0 ^②
45	3VA4145-4ED34-0AA0 ^②	3VA4145-5ED34-0AA0 ^②	3VA4145-6ED34-0AA0 ^②
50	3VA4150-4ED34-0AA0 ^②	3VA4150-5ED34-0AA0 ^②	3VA4150-6ED34-0AA0 ^②
60	3VA4160-4ED34-0AA0	3VA4160-5ED34-0AA0	3VA4160-6ED34-0AA0
70	3VA4170-4ED34-0AA0	3VA4170-5ED34-0AA0	3VA4170-6ED34-0AA0
80	3VA4180-4ED34-0AA0	3VA4180-5ED34-0AA0	3VA4180-6ED34-0AA0
90	3VA4190-4ED34-0AA0	3VA4190-5ED34-0AA0	3VA4190-6ED34-0AA0
100	3VA4110-4ED34-0AA0	3VA4110-5ED34-0AA0	3VA4110-6ED34-0AA0
110	3VA4111-4ED34-0AA0	3VA4111-5ED34-0AA0	3VA4111-6ED34-0AA0
125	3VA4112-4ED34-0AA0	3VA4112-5ED34-0AA0	3VA4112-6ED34-0AA0



Trip Settings for 3VA41

TM210 - FTFM		
I _n (A)	I _r (A)	I _i (A)
15	15	300
20	20	300
25	25	300
30	30	300
35	35	350
40	40	400
45	45	450
50	50	500
60	60	600
70	70	700
80	80	800
90	90	900
100	100	1000
110	110	1100
125	125	1250

Interrupting Ratings for 3VA41

Interrupting Class	Breaker Type	Poles	RMS Symmetrical Amperes (kA)						
			Volts AC (50/60 Hz)						
			120	240	277	347	480Y/277V	480	600Y/347V
S	SEAB	1	65		25	14			
		2, 3		65			25	25	14
M	MEAB	1	85		35	18			
		2, 3		85			35	35	18
H	HEAB	1	150		65	25			
		2, 3		150			65	65	25

Dimensions

Breaker	Poles	W in. (mm)	H in. (mm)	D in. (mm)	lbs.	kg
3VA41	1	1 (25.4)	5.1 (129.4)	3.6 (92.2)	0.62	0.28
3VA41	1 in 2	2 (50.8)	5.1 (129.4)	3.6 (92.2)	0.94	0.43
3VA41	2	2 (50.8)	5.1 (129.4)	3.6 (92.2)	1.13	0.51
3VA41	3	3 (76.2)	5.1 (129.4)	3.6 (92.2)	1.64	0.74

Shipping Weight

Connectors for 75C Wire for 3VA41

Type	Min. cable size	Max. cable size	Catalog No. (kit of 3 lugs)
Steel wrap around (Cu cable only), 1 cable lugs	AWG 14	3/0	3VA9133-0JA11
Aluminum body lug small (Cu/Al cable), 1 cable lug	AWG 14	AWG 10	3VA9133-0JB10 ^③
Aluminum body lug (Cu/Al cable), 1 cable lugs	AWG 8	3/0	3VA9133-0JB11 ^④
Aluminum body lug small with control wire tap (Cu/Al cable), 1 cable lug	AWG 14	AWG 10	3VA9133-0JG10 ^③
Aluminum body lug with control wire tap (Cu/Al cable), 1 cable lugs	AWG 8	3/0	3VA9133-0JG11 ^④
Copper body lug small (Cu cable only), 1 cable lugs	AWG 14	AWG 10	3VA9133-0JD10 ^③
Copper body lug (Cu cable only), 1 cable lugs	AWG 8	2/0	3VA9133-0JD11 ^④
Copper body lug small with control wire tap (Cu cable only), 1 cable lugs	AWG 14	AWG 10	3VA9133-0JK10 ^③
Copper body lug with control wire tap (Cu cable only), 1 cable lugs	AWG 8	2/0	3VA9133-0JK11 ^④

3VA4 Accessories

Description	Catalog Number
Padlocking Device for 3VA4 breaker	3VA9038-0LB11

① SWD rated.

③ Use these lugs on 15A to 40A breakers.

② HID rated

④ Use these lugs on 45A to 125A breakers.

Internal accessories configuration

	Slot No.
Auxiliary switch	Type
Auxiliary switch	AUX_HQ
	AUX_HQ_el
	AUX_HP
Leading changeover switch	LCS_HQ
	LCS_HQ_el
	LCS_HP
Alarm switch	Type
Trip alarm switch	TAS_HQ
	TAS_HQ_el
	TAS_HP
Short circuit alarm switch	SAS_HQ
	SAS_HQ_el
Auxiliary release	Type
Shunt trip flexible	STF
Shunt trip left	STL
	STL_el
Residual current release	RCR
Undervoltage release	UVR
Universal release	UNI
Other	
Cylinder lock (type Ronis)	

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