

AEB Series Bolted Motor Starters and Contactors

Explosionproof, Dust-Ignitionproof, Watertight

Full Voltage. Combination and Non-Combination.

NEC/CEC:

Class I, Division 1 and 2, Groups B, C, D
Class I, Zone 1 and 2, Groups IIB + H₂
Class II, Division 1 and 2, Groups E, F, G
Class III

NEC/CEC:

NEMA 4, 4X, 7BCD, 9EFG
CSA Type 4, 4X

Modifications

Description	Suffix Factory Installed	Catalog Number Field Installed
Operators ①		
Start/Stop dual push button	S3X	AEPDGRE
Stop push button	S2X	AEPRC
Start push button	S1X	AEPGA
Stop, lighted PB, red 120 Vac	LP5X	AEP TRE
Start, lighted PB, green 120 Vac	LP4X	AEPTGE
3 position selector switch specify legend	A3X	AESS31MN
2 position selector switch specify legend	A2X	AESS22ML
Red pilot light, 120 Vac	L5	AEPL1R
Green pilot light, 120 Vac	L4	AEPL1G
Red pilot light, 240 Vac	L52	AEPL2R
Green pilot light, 240 Vac	L42	AEPL2G
Red pilot light, 480 Vac	L54	AEPL4R
Green pilot light, 480 Vac	L44	AEPL4G
NEMA 4X Breather/Drain Fittings		
Drain fitting	DN	DRNB4X
Breather fitting (Drilled and tapped installation included.)	BR	BRTB4X
Control Power Options ②③		
Fused CPT, 50 Va	T1	AFCPT050
Fused CPT, 100 Va	T2	AFCPT100
Fused CPT, 200 Va	T3	AFCPT200
Fused CPT, 250 Va	T4	AFCPT250
Fused CPT, 50 Va w/interposing relay	T5	AFCPT050R
Fused CPT, 150 Va	T6	AFCPT150
Fused CPT, 300 Va	T7	AFCPT300
Fused CPT, 500 Va	T8	AFCPT500
Fused CPT, 750 Va	T9	AFCPT750
Separate control fused circuit	S-120V	n/a
Specify starter coil voltage	S-240V	n/a
	S-480V	n/a

Description	Suffix Factory Installed	Catalog Number Field Installed
Nameplates		
Engraved nameplate — black letters on white surface, 50.8 x 101.6 mm (2" x 4"), 3.18 mm (0.125") letters, 3 lines max. specify legend	NP	n/a
Space Heater		
40 Watt enclosure space heaters	120 Vac 240 Vac 480 Vac	O-120V O-240V O-480V
		AFA4327X11 AFA4327X12 AFA4327X13
Control Terminal Blocks (Above 12 points contact your local representative)		
20 Amp, 600 Vac	8 point	8K
NEMA 1B w/wire markers	12 point	12K
		n/a n/a
Cutler-Hammer ⑦ Starter Auxiliary Contacts		
Size 0-4 ④	1NO/1NC 2NO/2NC	X11C X22C
		AJ-11 AJ-11 (2 ea.)
Size 5 ⑤	1NO/1NC 2NO/2NC	X511C X522C
		A3463D94G18 A3463D94G18 (2 ea.)
Square D ⑧ Starter Auxiliary Contacts		
Size 0-5 ⑥	1NO/1NC 2NO/2NC	X11S X22S
		A999SX8 A999SX8 (2 ea.)
Number of Poles on Lighting Contactors		
30 Amp, 120 Vac	3 Poles	3
30 Amp, 120 Vac	6 Poles	6
30 Amp, 120 Vac	9 Poles	9
30 Amp, 120 Vac	12 Poles	12

CONTROLS: NEC/CEC EXPLOSIONPROOF MOTOR STARTERS

APPLETON™

NOTE: **CPT** includes primary and secondary fuses.

① Add —L to part no. for Size 5 starters.

② Size 1 and 2 150 Vac Max. Size 3 and 4 300 Vac Max.

③ Contact your local representative for other voltages.

④ 8 Aux. Contacts Max. includes one seal-in and seven added.

⑤ 4 Aux. Contacts Max. includes one seal-in and three added.

⑥ Size 0-1 includes one seal-in and four added. Size 2-5 includes one seal-in and three added.

⑦ Cutler-Hammer is a registered trademark of Eaton Corporation.

■ Square D is a registered trademark of Schneider Electric.