

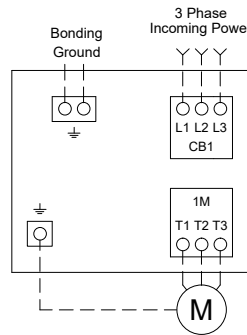
Field Connections Line & Motor Wire Terminal Capacity



FTA750

MARK^{III} Limited Service Electric Fire Pump Controllers – Across The Line Starting

Line Terminals



- Notes:
- 1 - For proper wire sizing, refer to NFPA70 and NEC (USA) or CEC (Canada) or local code.
 - 2 - Controller suitable for service entrance in USA.
 - 3 - For more accurate motor connections refer to motor manufacturer or motor nameplate.
 - 4 - Controller is phase sensitive. Incoming lines must be connected in ABC sequence.
 - 5 - Field wiring and lug sizes are based on copper conductors only.
Do not use aluminium conductors.

Circuit Breaker (CB) Field Wiring according to Bending Space (AWG or MCM). TERMINALS L1 - L2 - L3

Bending Space	3 " (76 mm)						
	(Use Copper Conductors Only)						
HP Voltage	5	7.5	10	15	20	25	30
208	1x (10 to 1)	1x (8 to 1)	1x (8 to 1)	1x (6 to 1)	1x (4 to 1)	1x (3 to 1)	1x (2 to 1)
220 to 240	1x (10 to 1)	1x (10 to 1)	1x (8 to 1)	1x (6 to 1)	1x (4 to 1)	1x (4 to 1)	1x (3 to 1)
380 to 416	1x (10 to 1)	1x (10 to 1)	1x (10 to 1)	1x (8 to 1)	1x (8 to 1)	1x (6 to 1)	1x (6 to 1)
440 to 480	1x (10 to 1)	1x (10 to 1)	1x (10 to 1)	1x (10 to 1)	1x (8 to 1)	1x (8 to 1)	1x (6 to 1)
600	1x (10 to 1)	1x (10 to 1)	1x (10 to 1)	1x (10 to 1)	1x (10 to 1)	1x (8 to 1)	1x (8 to 1)

Wiring Size for motor connection for FTA750 Models (AWG or MCM). TERMINALS T1 - T2 - T3

HP Voltage	5	7.5	10	15	20	25	30
208	1x (10)	1x (10)	1x (8 to 2)	1x (6 to 2)	1x (4 to 1)	1x (3 to 1)	1x (2 to 1)
220 to 240	1x (12 to 10)	1x (10)	1x (8 to 2)	1x (6 to 2)	1x (4 to 1)	1x (4 to 1)	1x (3 to 1)
380 to 416	1x (14 to 10)	1x (12 to 10)	1x (8 to 2)	1x (8 to 2)	1x (8 to 2)	1x (6 to 2)	1x (6 to 1)
440 to 480	1x (14 to 10)	1x (14 to 10)	1x (12 to 10)	1x (10)	1x (8 to 2)	1x (8 to 2)	1x (6 to 2)
600	1x (14 to 10)	1x (14 to 10)	1x (14 to 10)	1x (12 to 10)	1x (10)	1x (8 to 2)	1x (8 to 2)

	SIZE A	BY	DATE	<p>© Firetrol, Inc. Not for construction. Subject to change without notice.</p>	RELEASED	-	-	CIR	CIR	11-12-19	
	DRAWN BY	CIR	11-12-19		REVISION DESCRIPTION	REV	ECN NO	BY	APP	DATE	
	FINAL APPROVAL	CIR	11-12-19		FIELD CONNECTIONS	FTA750	DRAWING NUMBER				
	LIMITED SERVICE FIRE PUMP CONTROLLER					DWG REV	-	ECN NO	-	SHEET 1 OF 1	

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