



Bulletin 1109 200A / 400A / 600A Vacuum Starter Schematic and Wiring Diagrams - 3 Phase



WARNING

Tighten all electrical connections before energizing.

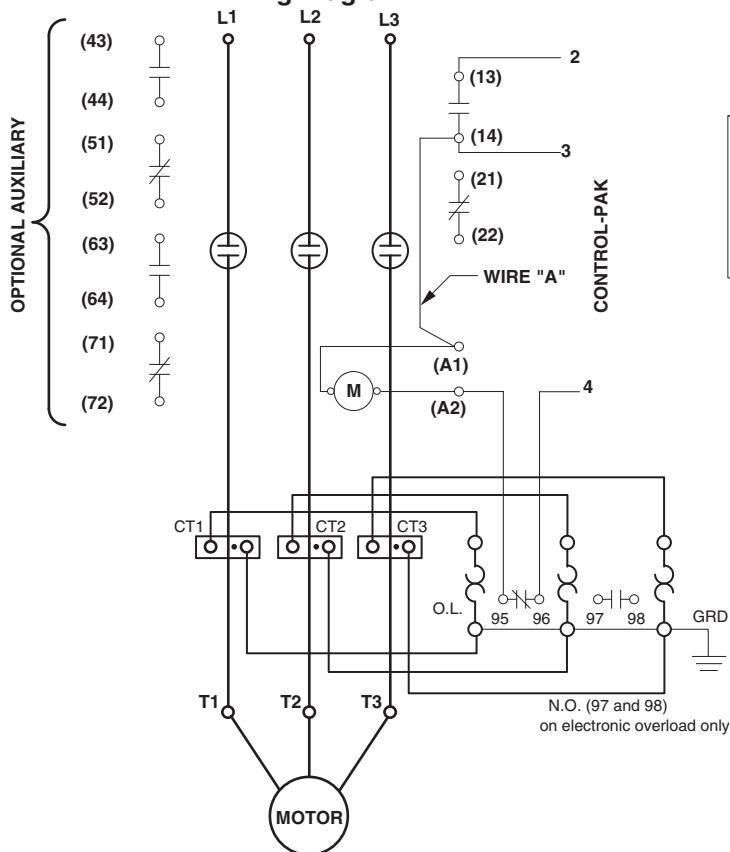
Branch circuit protection is required. Refer to the National Electrical Code (USA) or Canadian Electrical Code.

Additional control circuit overcurrent protection may be required.

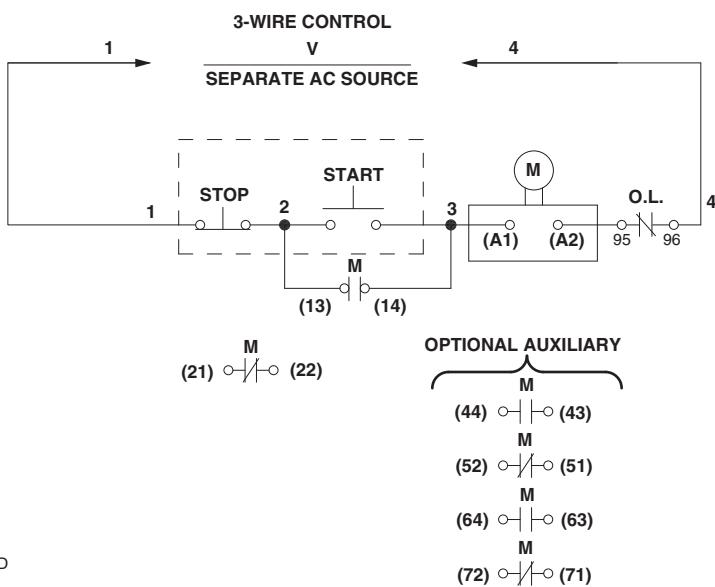
Do not tap into L1 and L2 for applications above 600V, provide separately sourced control power unless transformer and control wire are listed for use at the application voltage.

Maintain this equipment in accordance with guidelines of NFPA-70B, Electrical Equipment Maintenance

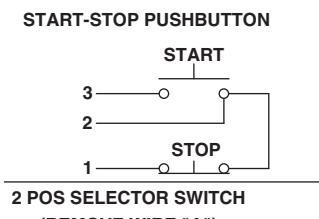
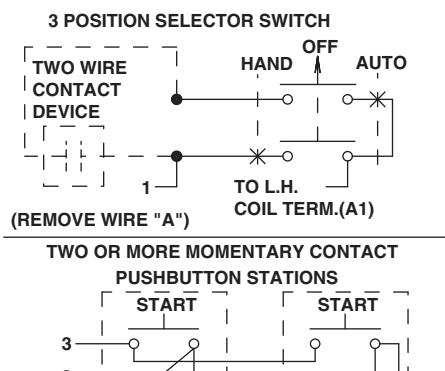
Wiring Diagram



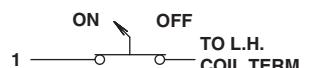
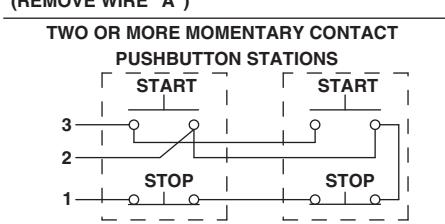
Schematic



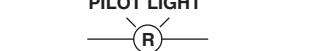
Connections for Local or Remote Pilot Devices



2 POS SELECTOR SWITCH
(REMOVE WIRE "A")



PILOT LIGHT



TO L.H.
COIL TERM.
(A1)

1 —○— R —○— 4

1 —○—

Line / Load Lug Kit

USE 75°C CU WIRE ONLY

TIGHTENING TORQUE (UNLESS OTHERWISE SPECIFIED ON DEVICE)	
#6 - 250 MCM	Lug Mounting Screws -- 125 - 145 Lb-Inches Conductor Set Screws -- 275 Lb-Inches Coil Terminal Screws -- 7 Lb-Inches
200 AMP. Max.	
TIGHTENING TORQUE (UNLESS OTHERWISE SPECIFIED ON DEVICE)	
(2) 2/0 - 350 MCM	Lug Mounting Screws -- 180 - 210 Lb-Inches Conductor Set Screws -- 275 Lb-Inches Coil Terminal Screws -- 7 Lb-Inches
400 AMP. Max.	
TIGHTENING TORQUE (UNLESS OTHERWISE SPECIFIED ON DEVICE)	
(2) 2/0 - 500 MCM	Lug Mounting Screws -- 180 - 210 Lb-Inches Conductor Set Screws -- 375 Lb-Inches Coil Terminal Screws -- 7 Lb-Inches
600 AMP. Max.	