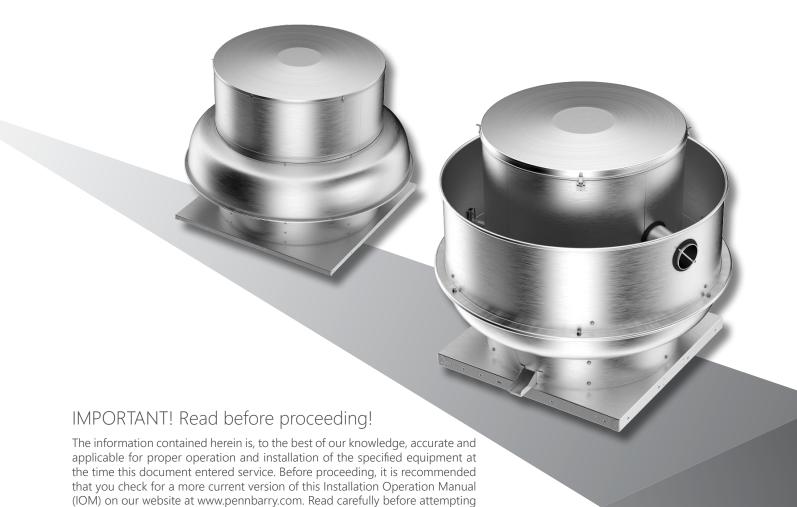
PennBarry General Wiring Instructions





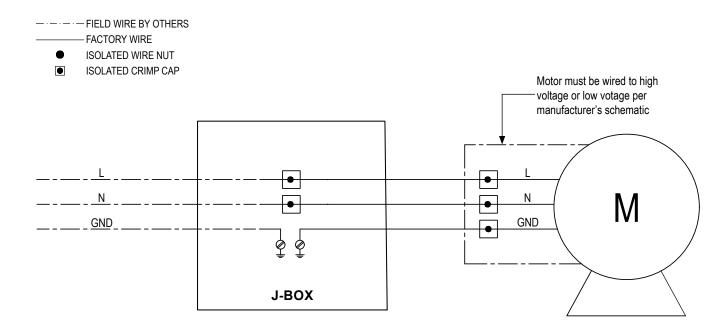
instructions for future reference.

to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain

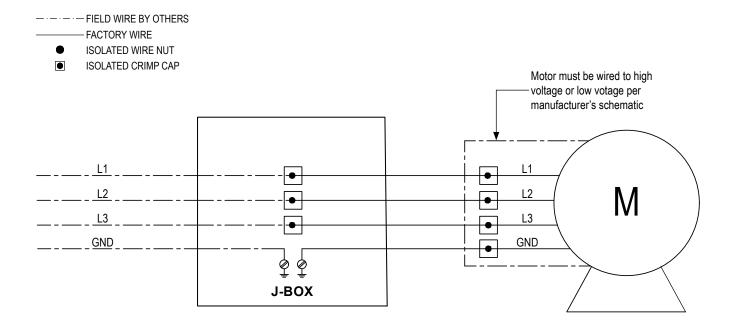
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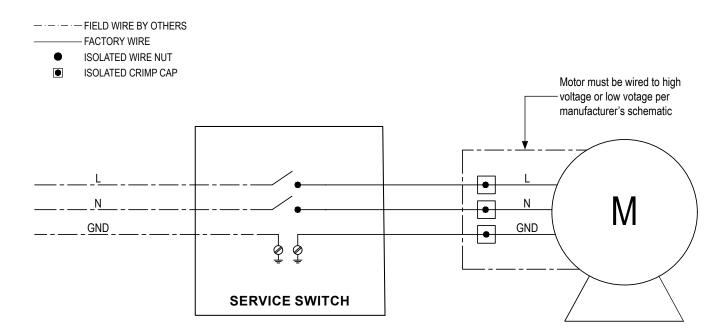
SINGLE PHASE MOTOR - INSTALLED JUNCTION BOX



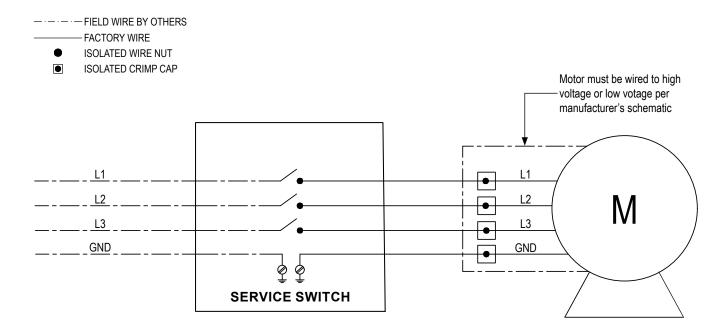
THREE PHASE MOTOR - INSTALLED JUNCTION BOX



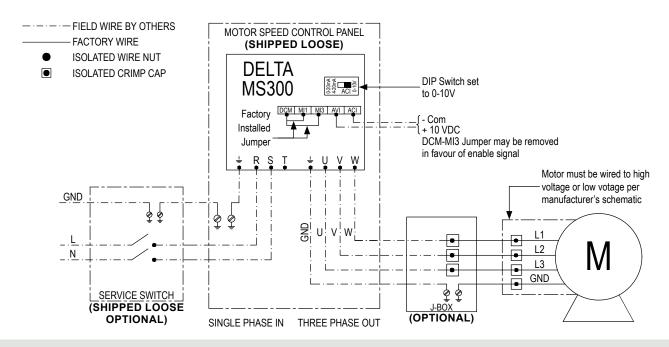
SINGLE PHASE MOTOR - INSTALLED SERVICE SWITCH



THREE PHASE MOTOR - INSTALLED SERVICE SWITCH



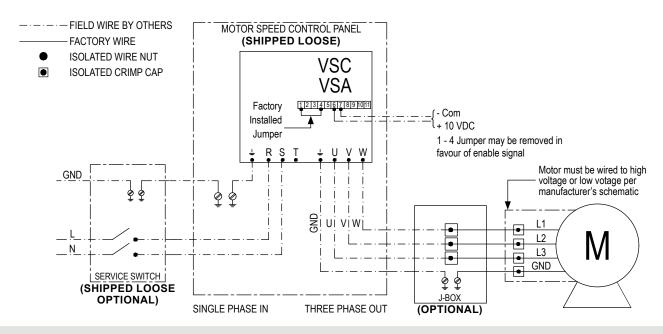
SINGLE PHASE INPUT / THREE PHASE MOTOR OPTIONAL DELTA SPEED CONTROLLER



Note. - 1. DCM-MI3 Jumper allows preset speed to run when power is on.

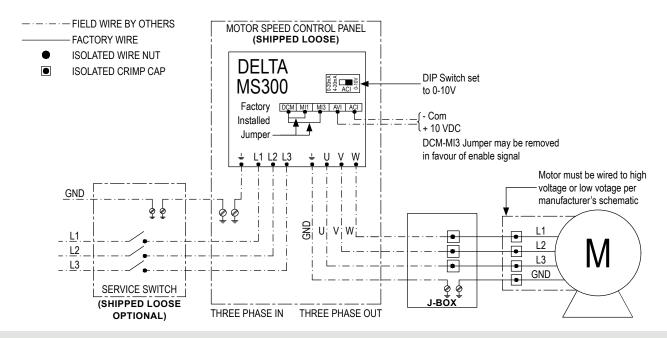
- 2. DCM-MI1 Jumper = FWD.
- 3. Factory mounted and wired speed controllers can also be ordered for select models.

SINGLE PHASE INPUT / THREE PHASE MOTOR OPTIONAL VSC SPEED CONTROLLER



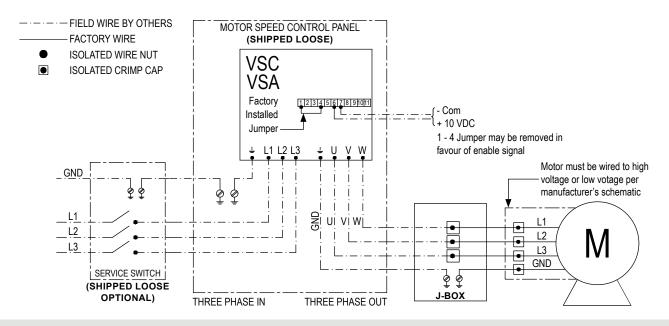
Note. - 1. Factory mounted and wired speed controllers can also be ordered for select models.

THREE PHASE INPUT / THREE PHASE MOTOR OPTIONAL DELTA SPEED CONTROLLER



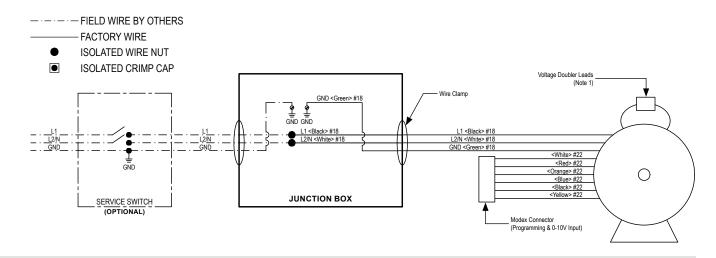
- Note. 1. DCM-MI3 Jumper allows preset speed to run when power is on.
 - 2. DCM-MI1 Jumper = FWD.
 - 3. Factory mounted and wired speed controllers can also be ordered for select models.

THREE PHASE INPUT / THREE PHASE MOTOR OPTIONAL VSC SPEED CONTROLLER



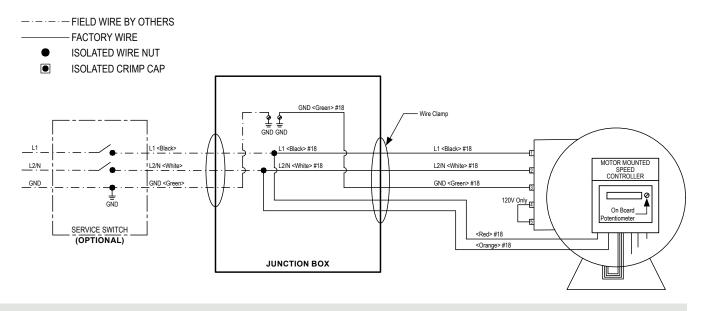
Note. - 1. Factory mounted and wired speed controllers can also be ordered for select models.

SINGLE PHASE TYPE-A EC MOTOR - ONBOARD SPEED CONTROLLER



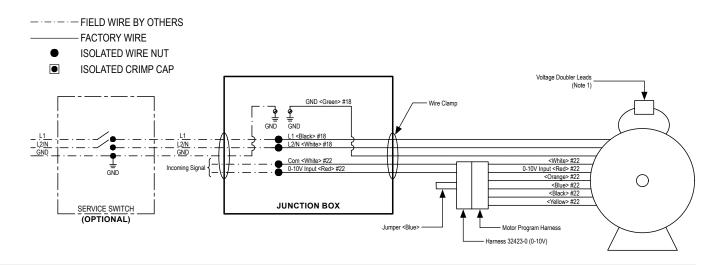
Note. - 1. Voltage Doubler Leads to be Connected only for 120V. Must be Disconnected when 208-277V is used. 2. Motor's onboard speed controller can be used.

SINGLE PHASE TYPE-B EC MOTOR - ONBOARD SPEED CONTROLLER



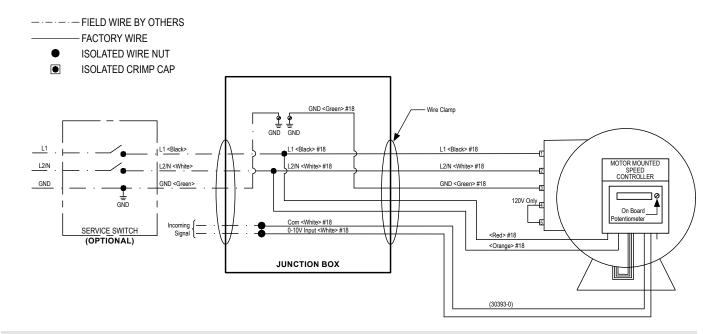
Note. - 1. Voltage Doubler Leads to be Connected only for 120V. Must be Disconnected when 208-277V is used. 2. Motor's onboard speed controller can be used.

SINGLE PHASE TYPE-A EC MOTOR - EXTERNAL SPEED CONTROLLER SIGNAL



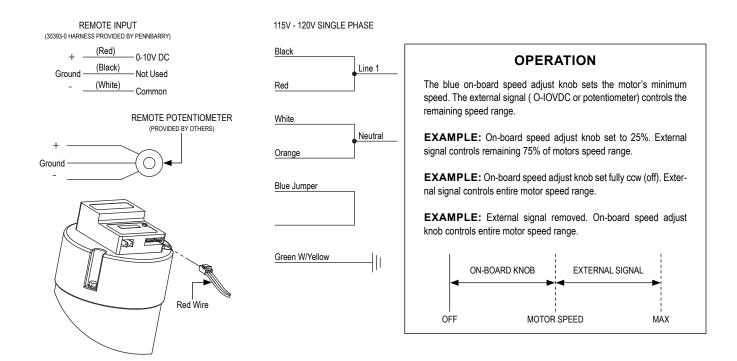
- Note. 1. Voltage doubler leads to be connected only for 120V. Must be disconnected when 208-277V is used.
 - 2. To Use External speed control, turn motor mounted potentiometer fully clockwise (100%).
 - 3. For wiring instruction of external speed controller refer OEM catalog.

SINGLE PHASE TYPE-B EC MOTOR - EXTERNAL SPEED CONTROLLER SIGNAL

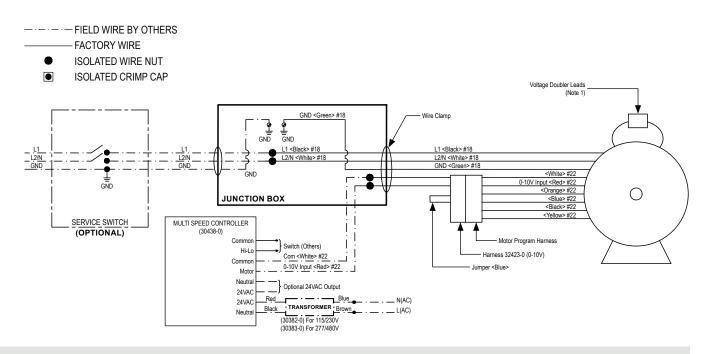


- Note. 1. Voltage doubler leads to be connected only for 120V. Must be disconnected when 208-277V is used.
 - 2. To Use External speed control, turn motor mounted adjustment screw fully counter-clockwise (0%).
 - 3. For wiring instruction of external speed controller refer OEM catalog.

SINGLE PHASE TYPE-B EC MOTOR CONNECTION DETAILS

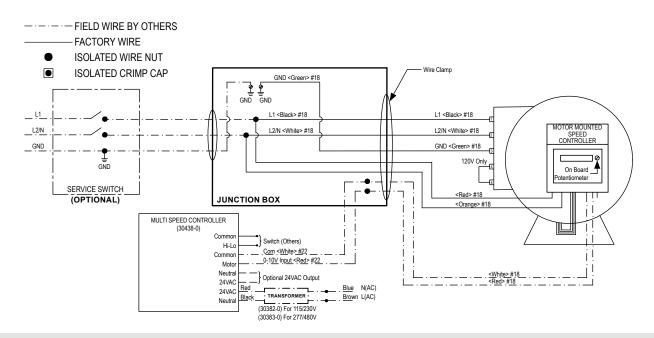


SINGLE PHASE TYPE-A EC MOTOR - MULTI SPEED CONTROLLER (iQ-MS)



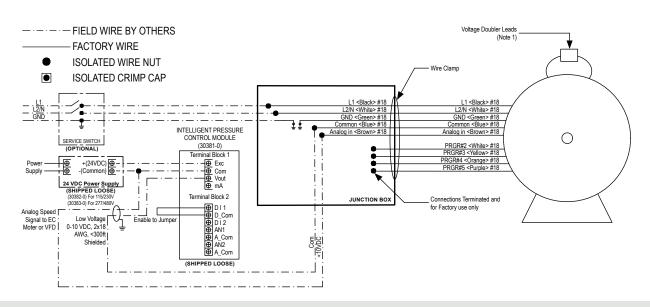
- Note. 1. Voltage doubler leads to be connected only for 120V. Must be disconnected when 208-277V is used.
 - 2. To Use External speed control, turn motor mounted potentiometer fully clockwise (100%).
 - 3. For wiring instructions of external speed controller refer OEM catalog.
 - 4. Multi-speed controller can be purchased with or without a power supply.

SINGLE PHASE TYPE-B EC MOTOR - MULTI SPEED CONTROLLER (iQ-MS)



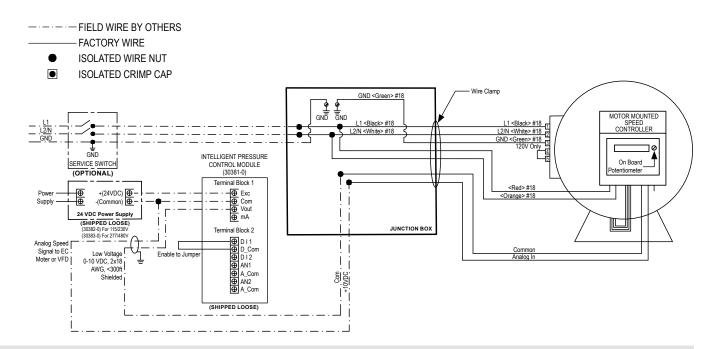
- Note. 1. Voltage doubler leads to be connected only for 120V. Must be disconnected when 208-277V is used.
 - 2. To Use External speed control, turn motor mounted adjustment screw fully counter-clockwise (0%).
 - 3. For wiring instructions of external speed controller refer OEM catalog.
 - 4. Multi-speed controller can be purchased with or without a power supply.

SINGLE PHASE TYPE-A EC MOTOR - INTELLIGENT PRESSURE CONTROL MODULE (iQ-IPCM)



- Note. 1. Voltage doubler leads to be connected only for 120V. Must be disconnected when 208-277V is used.
 - 2. To Use External speed control, turn motor mounted adjustment screw fully counter-clockwise (100%).
 - 3. For wiring instructions of external speed controller refer OEM catalog.
 - 4. Intelligent pressure controller can be purchased with or without a power supply.

SINGLE PHASE TYPE-B EC MOTOR - INTELLIGENT PRESSURE CONTROL MODULE (iQ-IPCM)



- Note. 1. Voltage doubler leads to be connected only for 120V. Must be disconnected when 208-277V is used.
 - 2. To Use External speed control, turn motor mounted adjustment screw fully counter-clockwise (0%).
 - 3. For wiring instructions of external speed controller refer OEM catalog.
 - 4. Intelligent pressure controller can be purchased with or without a power supply.



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