

Industrial Solutions®

Alternator Switch (CCN: 38342176)

The Ingersoll-Rand Alternator Switch is the industry's most reliable reciprocating air compressor control solution.

The Alternator Switch controls any two (2) 30HP and under pressure switch controlled reciprocating air compressors. This controller's robust design and construction provide the most reliable and energy efficient control solution for the light industrial market.



The IR Alternator Switch is the best light industrial reciprocating compressor control solution because:

- It is rated to 600V, offering unmatched flexibility to control any voltage compressor.
- It provides alternating and duplexing control functionality, yielding optimal air system control.
- Its' heavy-duty enclosure and top quality internal workmanship yield a durable, safe and attractive control solution.
- It continues to control your air system even when one unit is rendered inoperable, by alternating full system load to the remaining operating unit.
- It includes a shuttle valve to enable control of all unloading pressure switch units.
- It is UL / CUL Approved.
- It is powered with 115V supply enabling routine electrical installation.

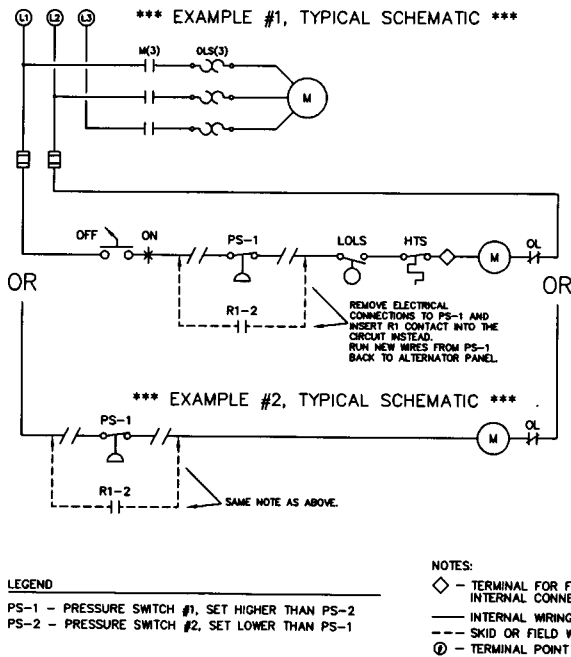
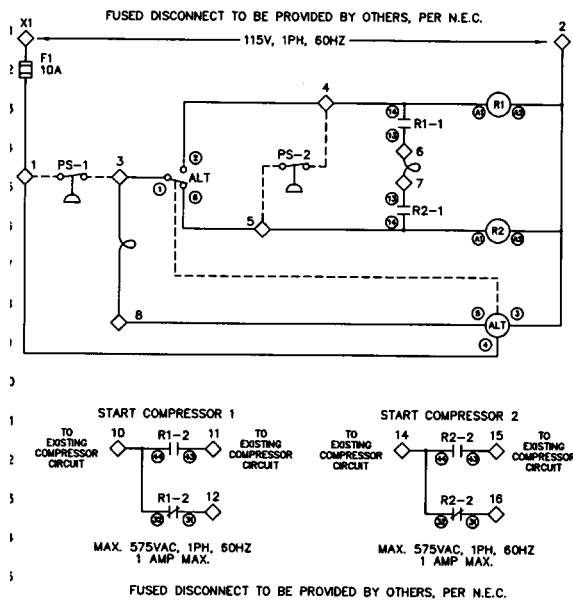


Ingersoll-Rand Alternator Switch

Operation

Every time the Pressure Switch on Unit #1 closes, the alternator coil energizes. Once the Unit #1 Pressure Switch opens, the alternator coil de-energizes its' contact, thereby switching the lead compressor control from one machine to the other in preparation for the next system demand.

Alternator Switch Electrical Schematic



Spare Parts List

Item	Part Number
Shuttle Valve	CCN: 39127261
Alternating Relay	CCN: 30340040
600V Contactor	CCN: 30340055

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