

Instructions

Electronic module on
Scroll compressors

Replacement/Installation

1. Be sure to disconnect mains power before performing any operation in the compressor electrical box.
2. Remove electrical box cover.
3. Before removing wires, label the wires so they can be connected to the correct connections on the replacement module (fig 1). Firstly unplug only the wires of the lower part of the module (fig 2)
4. Unscrew the two 3.5x25mm screws holding the module and replace with required module.
5. To connect the new module, align the three wires of the connector with the module pins and press until it stops. Note that for old version of compressor a small space may remain between the module and the connector: this clearance has no negative impact on the function.(Fig 5 & Fig6)
6. Use two 3.5x25mm screws (torque: 0.5 to 2N.m), to mount the new module in place in the ebox.
7. Connect again correctly all the identified cables (safety circuit, module power and the thermistor).
8. Snap the electrical box cover in place.
9. Reconnect power to compressor and module.

Special case of the DSH485-3:

The module spare part for DSH485-3 is delivered with a resistive cable. This new cable must be used to ensure the shunt between S1 and S2.(Fig7).
(The use of the former shunt cable may create a default and prevent the compressor from starting)

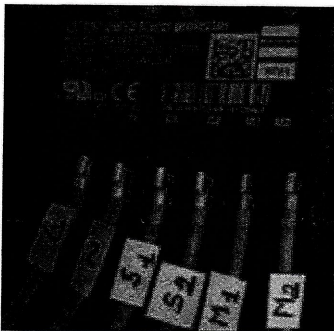


fig. 1

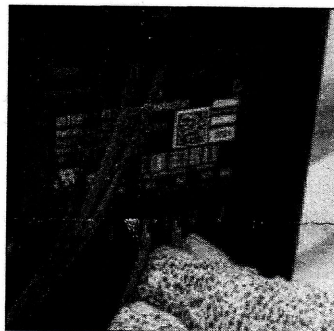


fig. 2



fig. 3

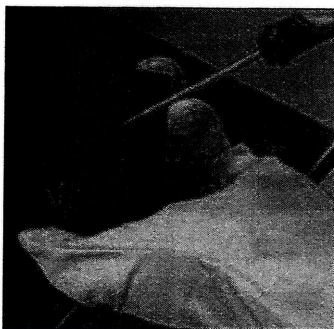


fig. 4

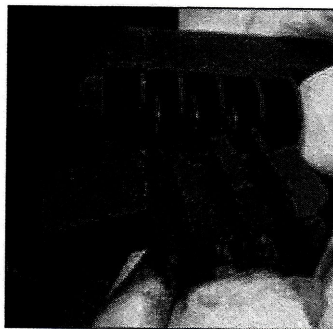


fig. 5

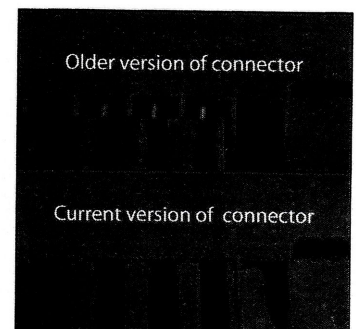


fig. 6

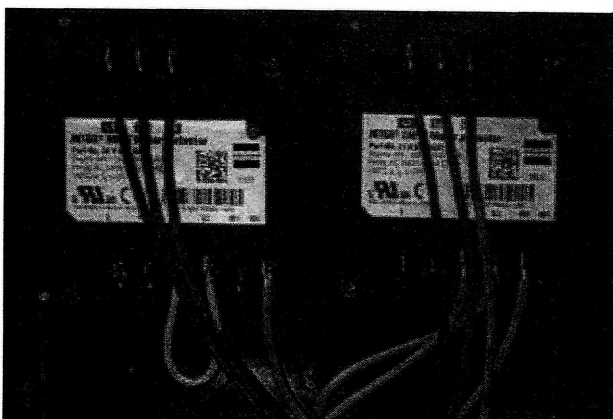
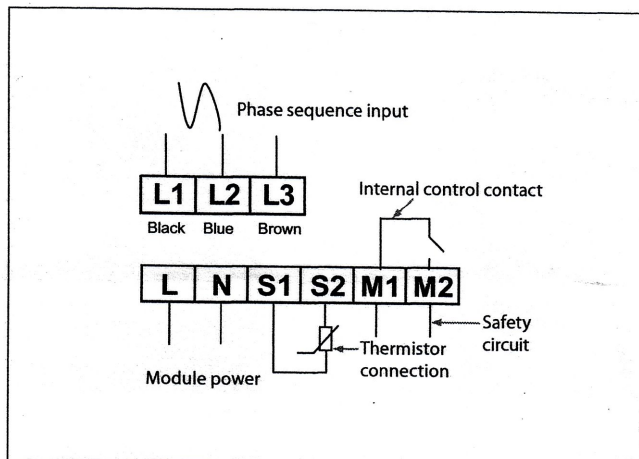
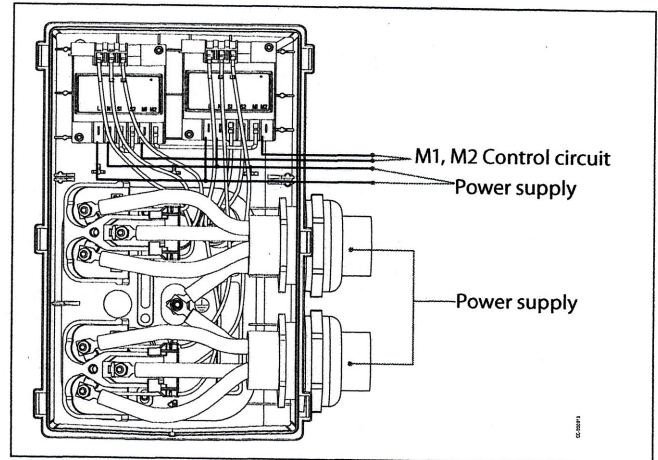
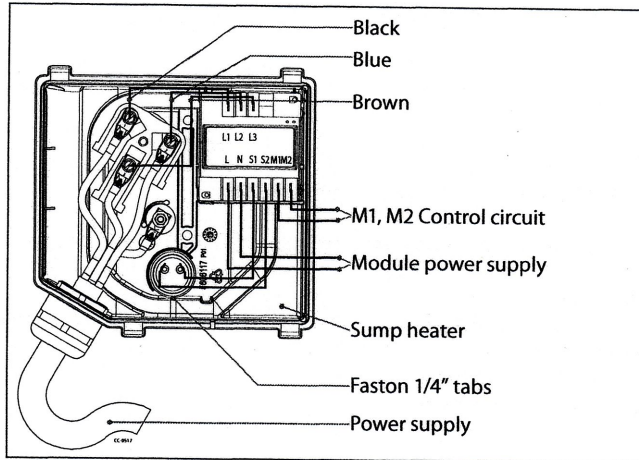


fig. 7



Electronic module overview



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