

SERVICE BULLETIN

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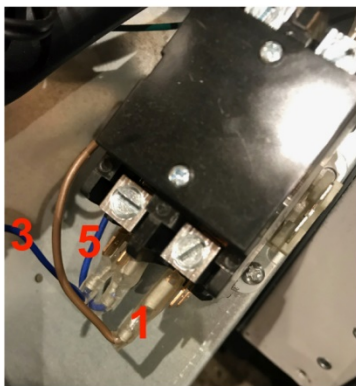
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Title: Replacing OEM contactor on AFD420 and AFD930

Models effected: AFD420 and AFD930

Reason: The EOM contactor is not available in Australia. The Double throw contactor used can be replaced by a 30amp relay that is available from most refrigeration wholesalers. The one used in the example below can be purchased from Actrol



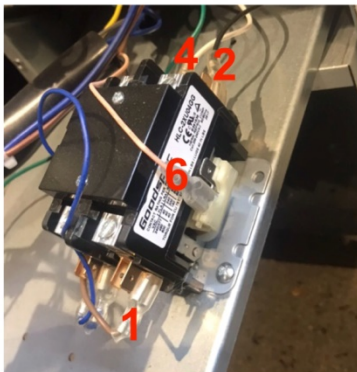
The OEM contactor is a double throw. In this instance it is switching both the Active and the Neutral.

1(Brown) is the main Active at the contactor's switch exiting at 2(Black) the active going to the compressor.

3(Blue) is the main Neutral at the contactor's switch exiting at 4(White) the Neutral going to the compressor.

5(Blue) forms a loop from 3(Blue) to the Neutral of the contactor's coil.

6(Brown) Is the active to the Connctators coil. This active is fed from the Dixcell controller.



Below is The Single Throw relay (contactor) that we use to replace the OEM contactor.

From the numbering above (in RED) fit to the numbering on the replacment relay (in BLACK)

1 (Brown) Main active	fitted to	1
2 (Black) compressor active	fitted to	4
5 (Blue) Neutral to coil	fitted to	5
6 (Brown) Active to coil	fitted to	6

Note the nuetral is not switched 3 4 and 5 are joined together

