

Contactors Spare Parts

Description: Magnetic Contactors have been replaced by Electronic Contactors in manufacturing and will also replace magnetic versions as service spare parts

Replacement Electronic Contactor P/N:

Contactor Description	Old Magnetic Contactor P/N	New Electronic Contactor P/N
C30 Contactor with right auxiliary	10-00433-00	10-00503-31
C30 Contactor with left auxiliary	10-00433-06	10-00503-32
C30 Contactor with right auxiliary + T1, T2, T3 terminal at the top Use only on Genesis units and Pre-2009 Supra MT units	10-00433-07	10-00503-31
C7 Contactor with right auxiliary	10-00433-05	10-00503-41

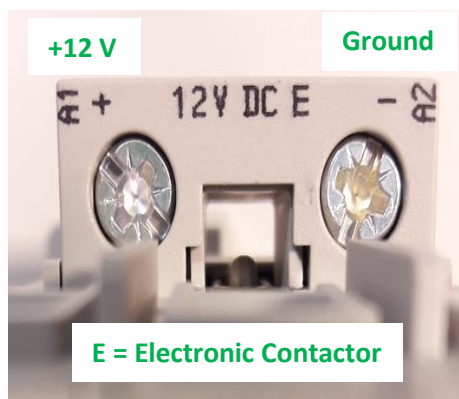
- Electronic contactors replace magnetic type to improve reliability



Electronic Contactors mean a few changes that must be considered when replacing a contactor.

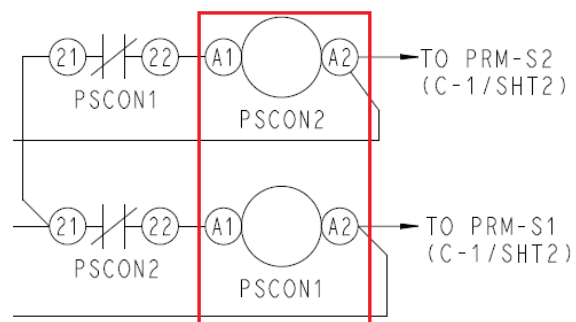
The new electronic contactors are a direct replacement for the old style but are polarized, and do not need the black auxiliary connection wires which can be discarded with the old contactor. It was possible to wire the positive and negative connections either way on the old magnetic contactor, but this is not possible on the new electronic type. Be careful to connect positive and ground connections as marked on the new contactor the correct way around.

Polarity on C30 Contactor



Contactors Ver 02

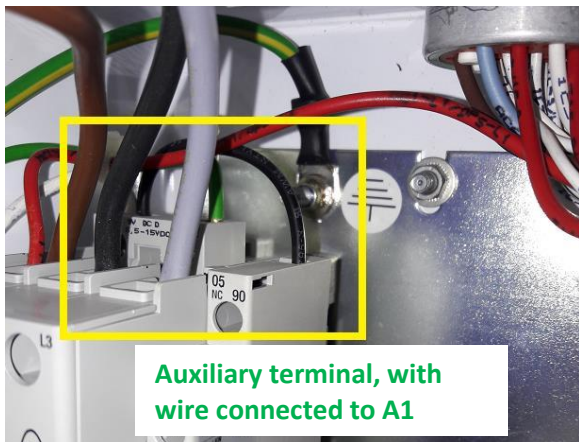
Polarity on Electrical Diagram



Myriad

14/06/2020

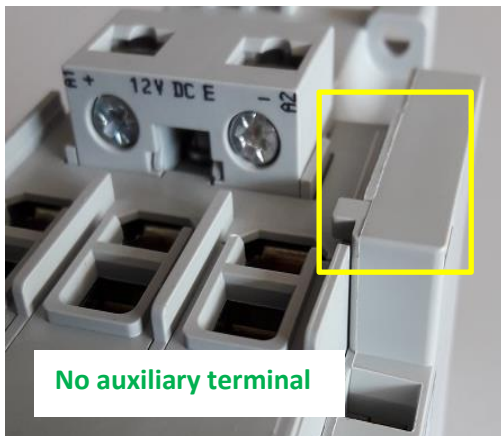
1. Magnetic Contactors have a B1 terminal for the starting coil of the contactor. A black wire connects B1 to the auxiliary bottom terminal (left or right auxiliary), and from the Contactor A1 top terminal to the auxiliary top terminal. This is not needed with the new electronic contactors and the black wires can be discarded.
2. With Electronic Contactors, the B1 terminal and the starting coil are not present anymore.
3. Auxiliaries of the new Electronic Contactors do not have top and bottom terminals anymore, which were used for both wires with Magnetic Contactors.



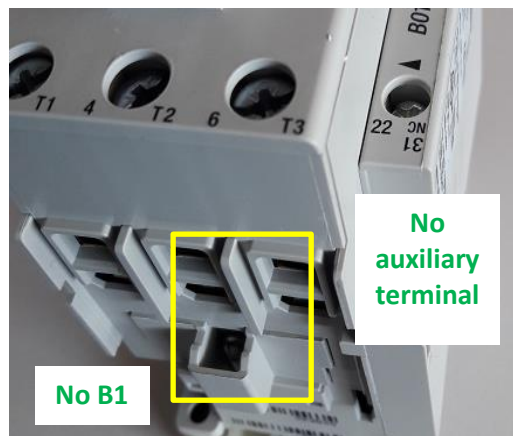
Auxiliary terminal, with wire connected to A1



B1 and auxiliary



No auxiliary terminal



No B1

No auxiliary terminal

No more auxiliary top and bottom terminal to connect to Contactor's A1 terminal and B1 terminal.

No more B1 terminal