

NEW ELECTRONIC CONTACTORS FOR TRUCK REFRIGERATION UNITS

ENHANCED RELIABILITY | DIRECT REPLACEMENT | SIMPLIFIED INSTALLATION

At **Myriad**, we continuously enhance the **durability and efficiency** of refrigeration systems. As part of this commitment, **electronic contactors** have replaced traditional **magnetic contactors** in the **Supra® and Oasis® truck refrigeration units** to improve system performance and reliability.

ELECTRONIC CONTACTOR IMPLEMENTATION - AFFECTED UNITS

Truck Unit Model	Serial Number From
Supra & Oasis Single Temperature	TC807113 (Rev A)
Supra MT	GC802074
Supra U Single Temperature	TC749062
Supra U Multi Temperature	GC802074

- Electronic contactors replace magnetic contactors for higher reliability and longer lifespan.
- No auxiliary black wires needed—they can be discarded.
- Polarity-Sensitive Wiring—ensure correct positive (+12V) and ground connections.

KEY INSTALLATION DIFFERENCES: MAGNETIC VS. ELECTRONIC CONTACTORS

Unlike older magnetic contactors, the new electronic contactors are polarity-sensitive.

- The previous magnetic contactors allowed positive/negative connections in any orientation.
- The new electronic versions must be wired according to polarity markings.

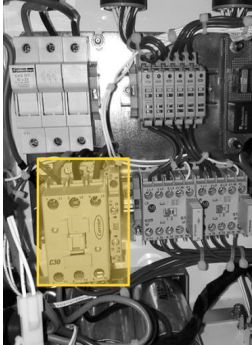
⚠️ Incorrect wiring can cause system failure—always connect positive (+12V) and ground as labeled.

Polarity on C30 Contactor & Electrical Diagram:

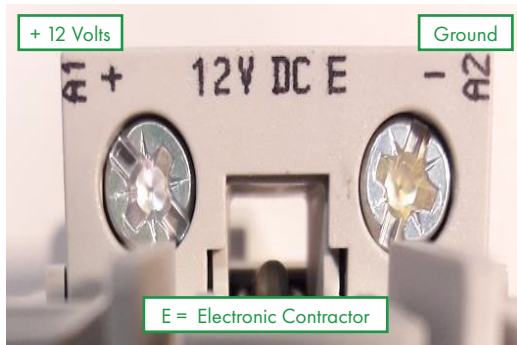
- E = Electronic Contactor
- +12V (Positive) → Correct Terminal
- Ground → Correct Terminal



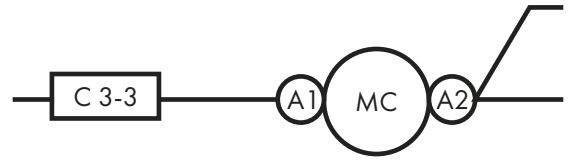
C30 CONTACTOR



POLARITY ON C30 CONTACTOR



POLARITY ON ELECTRICAL DIAGRAM



REPLACEMENT PARTS – ELECTRONIC CONTACTORS

Previous Contactors	Old Magnetic Contactor P/N	New Electronic Contactor P/N
Before Serial Number Change	10-00433-00 (Auxiliary Right)	10-00503-31 (Auxiliary Right)
After Serial Number Change	10-00503-31 (Auxiliary Right)	10-00503-31 (Auxiliary Right)

! **Note:** Older magnetic contactors (P/N 10-00433-00) are no longer used in newer models. If replacing a contactor in an older unit, upgrade to the new **electronic version**.

For technical support, contact Myriad today!

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YOU GET IT.**

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