



Carrier

A United Technologies Company

REPLACEMENT COMPONENTS DIVISION

SERVICE BULLETIN

SUBJECT: PIC Communications Interruption

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SUPERSEDES:

DATE:

PAGE: 1 **OF:** 1

MODELS AFFECTED: 19XL, XR, XRT & 23 Series Chillers

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PURPOSE:

To define the "shielded cable" grounding requirement for the PIC communications cable on field wired free standing or re-mounted unit starters.

REFERENCE:

BACKGROUND:

The shielded communications cable, which runs from terminals A, B, C of terminal strip TB5 in the starter to terminals A, B, C in the machine power panel, has occasionally been grounded at both ends of the cable shielding. Grounding both ends of the communications cable shielding establishes a ground loop circuit which can induce spurious communication signals causing nuisance shutdowns.

REQUIREMENT:

The communications cable shielding is to be grounded at one end only in the starter.

The adjacent label is attached to the machine power panel as a reminder to ground only one end of cable shielding at the starter.

