

SERVICE BULLETIN



Carrier Corporation

Title: PIC Communications Interruption

Number: C9905

Date: 1/28/99

Models Affected: 19XL, XR, XRT, 23XL with Field Unit Mounted, or Free Standing, Starters

Supersedes: New

Date: N/A

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 communications 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.