

Manual Erratum

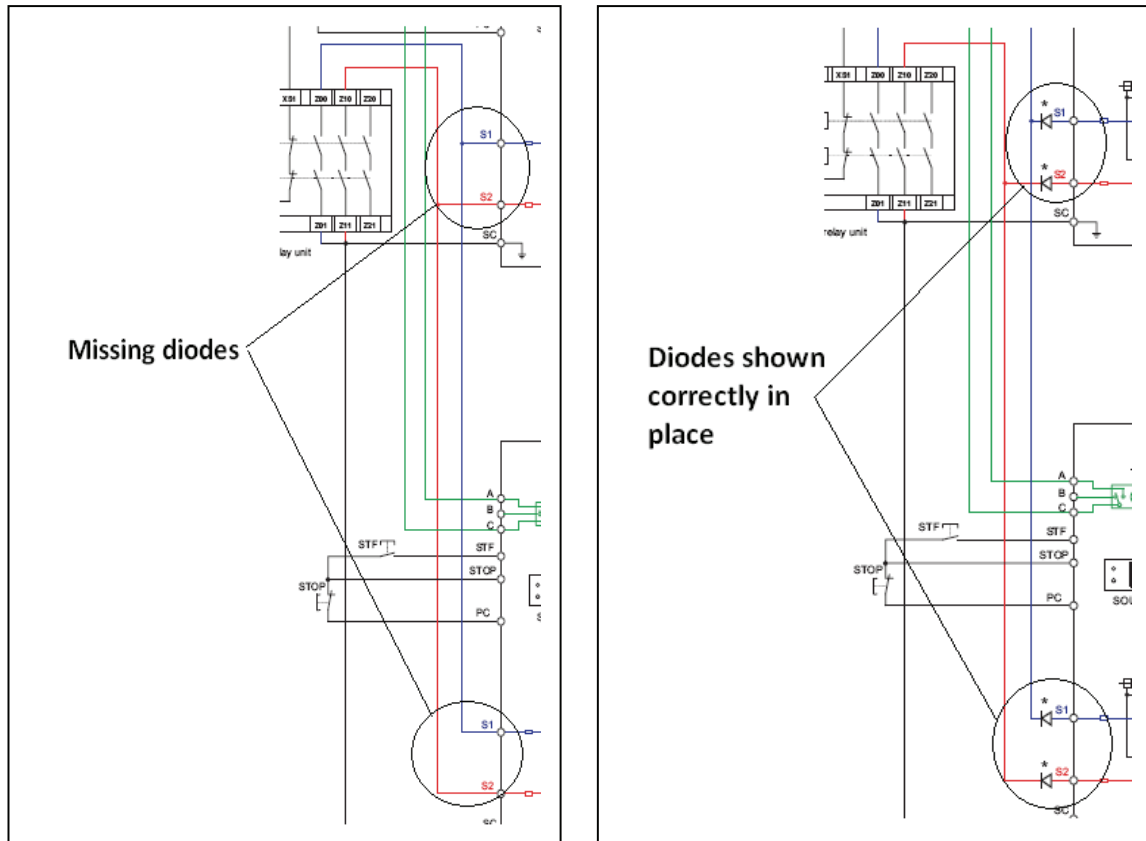
Manuals affected:

Manual reference: BCN-A211508-000-C

Manual title: **Safety stop function instruction manual for FR-D700 Transistorized Inverter**

Description of the correction

The drawing on page 6 of the manual BCN-A211508-000-C has does not show diodes which must be placed on the inputs S1 and S2 when using a parallel wiring configuration.



Incorrect diagram
(BCN-A211508-000-C)

Correct diagram
(BCN-A211508-000-D)

Diode specification:

V_r (peak reverse voltage) : 50V or more.

I_f (forward current) : 100mA or more.

V_f (forward voltage) @ 5mA : 1V or less.

Type of diode : PN junction type

A Schottky barrier diode is not appropriate for this application as its reverse leakage current is large.

User caution

Without these diodes in place when the user installs a configuration which has multiple FR-D700 inverters with their Safe Torque Off inputs (S1 and S2) wired in parallel to a single safety relay with one or more of the connected inverters powered off, then in this condition there is a strong potential that the Safe Torque Off function will not activate when required on the inverters that remain powered.

The original manual is corrected in version BCN-A211508-000-D