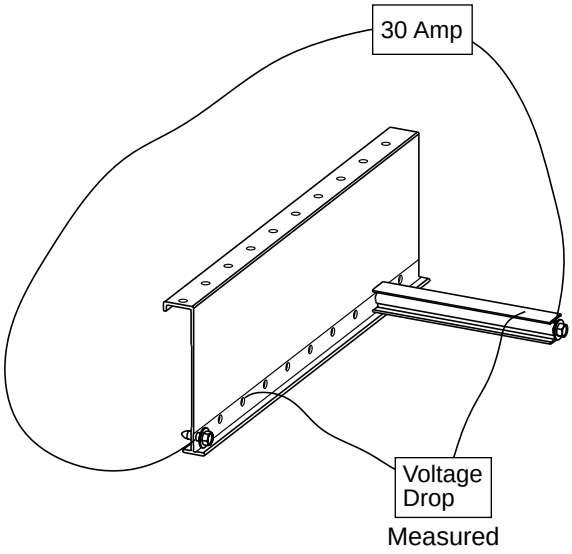
ELECTRICAL CONTINUITY OF CONNECTIONS

Redi-Rail™ Rung to Side Rail



$$R = \frac{V}{I} = 0.00033 \text{ ohm}$$

Redi-Rail™ Rung to Side Rail Resistance Test Results

0.000071 ohm
maximum allowable per standard 0.00033 ohm

Test Specimen

Each specimen shall consist of two 600 mm (24 in.) minimum lengths of rail plus mechanical connecting means.

NEMA VE-1-1998
CSA C22.2 No. 126.1-98

Resistance Test Procedure

Each specimen should be joined together, using the mechanical connector and following the instructions provided by the manufacturer.

NEMA VE-1-1998
CSA C22.2 No. 126.1-98

A current of 30 A d.c. shall be passed through the specimen and the resistance measured between two points located 1.5 mm (1/16 in.) from each side of the connector. The net resistance of the connection shall be not more than 0.00033 ohm as computed from the measured voltage drop and current passing through the specimen, at an embient temperature of 15-35°C (60-95°F).

NEMA VE-1-1998
CSA C22.2 No. 126.1-98

Results

The resistance of the rung to side rail connection of Cooper B-Line's Redi-Rail tray was 0.000071 ohm. The maximum allowable is 0.00033 ohm.