

CHECKLIST -B400/B400G

The following inspections/procedures are typical tests often performed to verify installation. This list is not required or complete, but rather a collection of some common tests. Customers often require specific test schedules.

Entire Run

- Verify that there is no physical damage to the sections or feeds that can compromise electrical spacing
- Housing Couplers are installed and tight
- Bottom housing coupler contains the connector body keeper
- Bus Connector is fully and correctly installed
- Maximum hanger spacing does not exceed the 10' spacing requirement
- End Cap is installed
- Polarization of Busway/ Plugs face desired isle

End Feed

- Dedicated ground wire is installed (where applicable)
- The Bellville washers are flat on the lugs/wire termination tightened to specifications

Continuity Test

Perform Continuity test using E28 or other test unit.

Perform Continuity test at Endfeed on A, B, C, N, ISO GND, and Housing ground.

MEGGER Test (optional)

Perform Megger test at Endfeed on each run of busway

Set Megger tester to 1kV and perform test for the following combinations:

- A-B
- A-C
- A-N
- B-N
- C-N
- A-GND
- B-GND
- C-GND
- N-GND

PASS = 20G ohm

Investigate = Any insulation-resistance reading less than 100 megaohms divided by bus assembly in feet.