

Increase Assembly Short-Circuit Current Ratings

New Cooper Bussmann Power Distribution Blocks With High SCCRs

- **NEW 2005 NEC® And UL508A SCCR Marking Requirements**

The following equipment must be marked with an assembly SCCR:

- Industrial Control Panels [409.110]
- Industrial Machinery Electrical Panels [670.3(A)]
- Certain HVAC Equipment [440.4(B)]
- Meter Disconnect Switches [230.82(3)]
- Certain Motor Controllers [430.8]

This SCCR is based on the lowest-rated component, or weakest link, in the assembly. Unmarked power distribution blocks will default to a rating of 10kA.

- **High Component SCCRs – Up To 200kA**

PDBs are often an assembly's lowest-rated component, or **“weak link,”** and may limit the assembly SCCR to only 10kA. Eliminate this **weak link** with these new, higher-rated PDBs.

- **Agency Listed**

These new higher-rated PDBs are listed to UL1953 and can be used in UL508A panels for both feeder and branch circuit applications.

- **Expand Installation Flexibility**

Equipment with low SCCRs are limited to locations where only low-level short-circuit current is available. By replacing a low-rated PDB with a new Cooper Bussmann high SCCR PDB, an assembly can achieve a higher SCCR for more installation flexibility.

- **NEW 2005 NEC® Requirements For Wireways**

These new listed power distribution blocks can be used to meet the new 2005 NEC® requirement in section 376.56(B) for wireways.

