



## **26 2500 - Bus Ducts**

Page 1 of 1

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### Ratings:

600 volt rated, 3 phase, 100% neutral for 120. /208 volt, 3 phase, 4 wire power systems with ground.

600 volt rated, 3 phase, for 240 volt, 3 phase power systems, except 4 pole with ground for grounded delta banks.

600 volt, 3 phase, 4 pole 100% neutral for 277/480 volt systems, with ground.

### Grounding:

Grounding conductors shall be an integral part of the duct. Ground to be a minimum size of 12.5% of the phase conductor size (preferred size should be 50% of phase conductor size.)

### Sound Levels:

Inaudible when located in service shafts and loaded to rated capacity.

### Description:

Totally enclosed portions shall be provided when passing through floors. Provide closure plates at each suspended slab as seal, with fire rated material between the plates.

Provide "outdoor" type where located in unheated spaces such as vaults, etc. Where located below gratings or outside buildings, bus duct shall be totally enclosed type or "exterior modified" as approved, arranged to drain condensation.

### Plug-In Type:

All 100A, 225A, 400A 3 phase, 4 wire,

Plug-in units shall be circuit breaker type with common trip for all poles with bus bars of copper

### Approved Manufacturers:

Square D

Siemens

Eaton