

Technical Specifications Configuration & Clocking System

Pass & Seymour



Adapting To Worldwide Configuration Standards

Application

Pass & Seymour/Legrand's Pin & Sleeve products are designed to meet IEC 309-1, 309-2 specifications. These specifications are recognized around the world and are intended to prevent the mating of plugs and receptacles of different voltage and current ratings (see Section 406.3(F) of the National Electrical Code® relating to this noninterchangeability feature).

Global Product Offering

Pass & Seymour/Legrand provides IEC 309-1, 309-2 Pin & Sleeve products in both Series I (International) and Series II (North American) current ratings:

- Series I (International) 16, 32, 63, 125 Amps
- Series II (North American) 20, 30, 60, 100 Amps

North American Catalog Numbering System

Catalog numbers within the North American product offering are structured to communicate the following: manufacturer, number of conductors, amperage rating, device type, clocking position of the ground sleeve, and environmental rating. This applies to all receptacles, inlets, plugs, and connectors in the Pass & Seymour/Legrand North American Pin & Sleeve product line (see sample below).

Here's How It Works

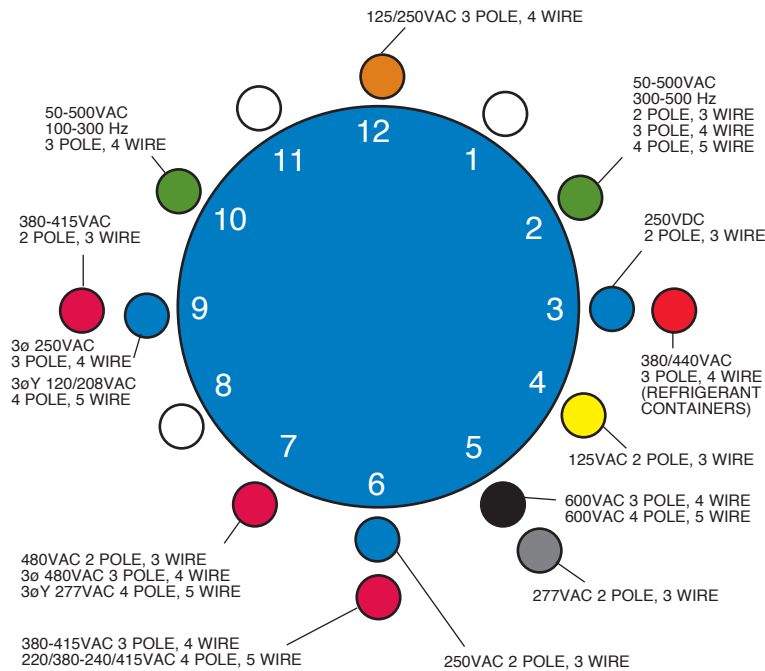
The amperage rating is determined by the size of the device. Voltage rating is determined by the location of the ground sleeve on the receptacle and/or connector along with the number of conductors.

Ground sleeve position for all connectors and receptacles is based on a clock face with the keyway always being at 6 o'clock. The ground sleeve is positioned at a specific hour point, depending on the device's voltage rating.

The clocking position for plugs and inlets is a mirror image of the mating device, allowing for interconnection.

In addition, voltage ratings for all Pin & Sleeve products are color coded for visual identification.

IEC 309 Clocking System



Application Specific

North American Catalog Numbering System

