

## Low Profile Devices

| Rating |                 |   |              |             | Devices    |             | Cord Diameter       |  |
|--------|-----------------|---|--------------|-------------|------------|-------------|---------------------|--|
| Amps   | Poles and Wires | Configuration<br>Recep./ Plug/<br>Conn. Inlet | AC Voltage   | Plug        | Receptacle | Min. Inches | Max. Inches (mm)    |  |
| 20     | 3P 4W           |   | 3Ø 250V      |             |            | .350"       | .710" (8.3 - 15.9)  |  |
| 30     | 3P 4W           |   | 125/250V     |             |            | .390"       | .775" (9.9 - 19.7)  |  |
| 30     | 3P 4W           |   | 3Ø 250V      |             |            | .390"       | .775" (9.9 - 19.7)  |  |
| 60     | 3P 4W           |   | 3Ø 250V      |             |            | .75"        | 1.25" (19.1 - 31.8) |  |
|        |                 |   |              | With Cover: |            |             |                     |  |
| 60     | 4P 5W           |   | 3ØY 120/208V |             |            | .89"        | 1.42" (22.6 - 36.1) |  |
| 100    | 4P 5W           |   | 3ØY 120/208V |             |            | 1.34"       | 1.50" (34.0 - 38.1) |  |

## Specifications

### Electrical

|                              |   |
|------------------------------|---|
| Dielectric Withstand Voltage | 3000V AC  |
| Max. Working Voltage         | 250V RMS  |
| Current Interrupting         | Certified for current interruption at full rated current.   |
| Temperature Rise             | Max. 30°C temperature rise at full rated current after 50 cycles of overload at 150% of rated current at a power factor of 75%. |

### Endurance

Up to 5,000 connect and disconnect cycles at full rated current and voltage.

### Mechanical

|                           |  |
|---------------------------|--|
| Impact Resistance         | Per CSA C22.2 No. 182.1 / UL1682   |
| Cord Grip Cable Retention | Per CSA C22.2 No. 182.1 / UL1682   |
| Cord Accommodation        | Round portable service cords of diameters commensurate with the device rating as defined in UL standard 62, CSA C22.2 No. 49 and the <HAR> European Standards. |
| Terminal Identification   | Terminals identified in accordance with North American convention.   |
| Product Identification    | Ratings are a permanent part of the device housing.  |

### Environmental

|                        |   |
|------------------------|---|
| Flammability           | HB or better per UL94 or CSA C22.2 No. 0.17               |
| Ingress Protection     | IP22 Suitability  |
| Operating Temperatures | Maximum Continuous 75° C;<br>Minimum -40°C without impact |

## Application Guide

|                     |  |
|---------------------|--|
| Agriculture         | Indoor location and maintenance.                                 |
| Chemical Processing | Indoor location and maintenance.                                 |
| Construction        | Indoors for added safety and abuse resistance.                   |
| Entertainment       | Indoor location and maintenance.                                 |
| Food Service        | Food service areas where aesthetics and space are concerns.      |
| Light Manufacturing | Indoor locations and maintenance.                                |
| Manufacturing       | Light assembly areas, stamping operations and maintenance areas. |
| Military            | Warehouse and maintenance areas.                                 |

## Materials

| Plug                    | Material                     |
|-------------------------|------------------------------|
| Case                    | PBT                          |
| Shroud                  | PBT                          |
| Pin Carrier 20 & 30A    | PBT                          |
| Pin and Carrier 60A     | High-Impact Thermoset        |
| Pins                    | Brass CDA#360                |
| Assembly Screws         | Stainless Steel (300 series) |
| Terminal Screws         | Stainless Steel (300 series) |
| Receptacle              | Material                     |
| Body                    | PBT                          |
| Sleeve Carrier 20 & 30A | PBT                          |
| Sleeve Carrier 60A      | High-Impact Thermoset        |
| Sleeves                 | Brass CDA #360               |
| Assembly Screws         | Stainless Steel (300 series) |
| Terminal Screws         | Stainless Steel (300 series) |
| Adapter Plate 20 & 30A  | Galvanized Steel             |
| Adapter Plate 60A       | Aluminum                     |
| Wall Trim Plate         | PBT                          |
| Panel Mount Trim Plate  | Stainless Steel (300 series) |

Note: See page G-29 for product dimensions.