DS60, DS100C and DR100 inlets and receptacles are now available with up to 4 auxiliary contacts. (Previously only 2 and 3 aux contacts were offered).

Integral auxiliary contacts allow users the convenience and flexibility of controlling auxiliary equipment, monitoring parameters (such as motor temperature), and/or communicating alarms through the same plug and receptacle used to supply power to the equipment. Because the auxiliary contacts are integral, they also facilitate the rapid change-out or reconfiguration of equipment by eliminating the need for hard wiring or multiple plug connections.

- Updated catalog pages are included in this announcement.
- Updated price list pages are included in this announcement.

### New Auxiliary Contact Amp Ratings

<table>
<thead>
<tr>
<th>Device</th>
<th>120 VAC</th>
<th>240 VAC</th>
<th>480 VAC</th>
<th>600 VAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS60, DS100C, DR100</td>
<td>3A</td>
<td>1.5A</td>
<td>.75A</td>
<td>.6A</td>
</tr>
</tbody>
</table>
DS60, DS100C and DR100 with 4 Auxiliary Contacts

**DS60 – catalog info**

- **UL/CSA Ratings**
  - Max Amperage & Voltage: 60A, 600 VAC
  - Switch-Rating (AC Only) Branch Circuit & Motor Circuit Disconnect Switching
  - Horsepower Ratings
    - 120V: 10 hp
    - 208V: 10 hp
    - 240V: 10 hp
    - 480V: 10 hp
    - 600V: 25 hp
  - Short Circuit Rating: 100kA Close & Withstand Fused with RK1 current limiting fuses sized at 400% of the highest full load motor ampacity.
  - Environmental Ratings
    - Type 3R (Standard)
    - Type 4X (Optional)
  - Temperature Range
    - Min -40°F/Max 140°F
    - See pg 254 for temps below -15°F
  - Wiring Capacity
    - Min 10 AWG Max 2 AWG
    - Aux Contacts - Max 14 AWG
  - Applicable Standards
    - UL 3082, CSA 182.1

**Receptacle (female)**

- **Inlet (male)**

**North American UL/CSA Configurations**

**Voltage** | **Polarity** | **Part #** | **Suffix #** | **Part #** | **Polarity** | **Suffix #**
--- | --- | --- | --- | --- | --- | ---
120V | 1P+N+G | 33-64165 | 37-64165 | 120V | 1P+N+G | 33-68165 | 37-68165
120/240V | 1P+N+G | 33-64167 | 37-64167 | 120/240V | 1P+N+G | 33-68167 | 37-68167
347/600V | 2P+N+G | 33-64076 | 37-64076 | 347/600V | 2P+N+G | 33-68076 | 37-68076

**Notes:** *Not UL/CSA listed.

**DS – 60A Switch-Rated Plugs & Receptacles**

- With 2 Auxiliary/Pilot Contacts Recept # - 972
- With 3 Auxiliary/Pilot Contacts Recept # - 263
- With 4 Auxiliary/Pilot Contacts Recept # - 264
- Type 4X & closed lid configuration Recept # - 4X
- Straight Insertion Recept # - 352
- Self-Ejecting Connector Release Recept # - 354
- Mushroom Pawl Recept # - 375
- Padlockable Mushroom Pawl Recept # - 375-843
- Locking Mushroom Pawl Recept # - 845
- Metal Pawl (on poly receptacle) Recept # - 824
- Closed Lid Configuration Recept # - NC
- With Auxiliary Switch Recept # - 270

**480V DS60 Order Example:**

To order 2 auxiliary/pilot contacts on an inlet and receptacle add -972 to the part numbers.

DS60 Poly inlet 3P+N+G=33-64165
DS60 Poly receptacle 3P+N+G=33-68165

Appropriate accessory part numbers must also be included on the order.

**Don’t forget to add installation accessories to your order.**

**Main Options**

- **Auxiliary/Pilot Contacts**
- **Mushroom Pawl**
- **Padlock Pawl**
- **Closed Lid Configuration**

**Options**

- **For international configurations and ratings (IEC,CE)** visit meltric.com/international-catalog or contact customer service at 800.433.7642.

**Notes:**

- *Order inlet with P+N+G configuration and receptacle with P+G configuration.
- Closed Lid Configuration Recommended for cord applications to keep lid tucked in to avoid damage.
- Max Amperage & Voltage 60A, 600 VAC
- Switch-Rating (AC Only) Branch Circuit & Motor Circuit Disconnect Switching
- Horsepower Ratings
  - 120V: 10 hp
  - 208V: 10 hp
  - 240V: 10 hp
  - 480V: 10 hp
  - 600V: 25 hp
- Short Circuit Rating: 100kA Close & Withstand Fused with RK1 current limiting fuses sized at 400% of the highest full load motor ampacity.
- Environmental Ratings
  - Type 3R (Standard)
  - Type 4X (Optional)
- Temperature Range
  - Min -40°F/Max 140°F
  - See pg 254 for temps below -15°F
- Wiring Capacity
  - Min 10 AWG Max 2 AWG
  - Aux Contacts - Max 14 AWG
- Applicable Standards
  - UL 3082, CSA 182.1

**Part #**

- Poly
- Metal

**Options**

- Poly
- Metal

**Notes:**

- *Not UL/CSA listed.
### DS100C – catalog info

#### DS100C

**DS – 100A**
**Switch-Rated Plugs & Receptacles**

#### UL/CSA Ratings

- **Max Amperage & Voltage**
  - 100A, 600 VAC
- **Switch-Ratings (AC Only)**
  - Branch Circuit & Motor Circuit Disconnect Switching
- **Horsepower Ratings**
  - 1Ø - 10 hp
  - 1Ø - 20 hp
  - 3Ø - 50 hp
  - 3Ø - 100 hp
- **Short Circuit Rating**
  - Tested with RK1 current limiting fuses sized at 400% of the highest full load motor ampacity.
- **Environmental Ratings**
  - Type 3R (Standard)
  - Type 4X (Optional)
- **Temperature Range**
  - Min -40°F/Max 140°F
  - See pg 234 for temps below -15°F.
- **Wiring Capacity**
  - Min 10 AWG Max 2 AWG
  - Aux Contacts - Max 14 AWG
- **Applicable Standards**
  - UL 2682, CSA 182.1

### Receptacle Options

#### Inlet Options

<table>
<thead>
<tr>
<th>Voltage Polarity</th>
<th>Poly</th>
<th>Part #</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td>120V</td>
<td>1P+N+G</td>
<td>33-64235-C-K16</td>
<td>37-64235-C-K16</td>
</tr>
<tr>
<td>120V</td>
<td>3P+N+G</td>
<td>33-644175-C-K07</td>
<td>37-644175-C-K07</td>
</tr>
<tr>
<td>208V</td>
<td>1P+N+G</td>
<td>33-64237-C-K16</td>
<td>37-64237-C-K16</td>
</tr>
<tr>
<td>208V</td>
<td>3P+N+G</td>
<td>33-644176-C-K07</td>
<td>37-644176-C-K07</td>
</tr>
<tr>
<td>250V</td>
<td>3P+N+G</td>
<td>33-64233-C-K16</td>
<td>37-64233-C-K16</td>
</tr>
<tr>
<td>277V</td>
<td>3P+N+G</td>
<td>33-64238-C-K16</td>
<td>37-64238-C-K16</td>
</tr>
<tr>
<td>480V</td>
<td>3P+N+G</td>
<td>33-64173-C-K07</td>
<td>37-64173-C-K07</td>
</tr>
<tr>
<td>600V</td>
<td>3P+N+G</td>
<td>33-64175-C-K14</td>
<td>37-64175-C-K14</td>
</tr>
</tbody>
</table>

#### Inlet Options

<table>
<thead>
<tr>
<th>Voltage Polarity</th>
<th>Poly</th>
<th>Part #</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td>120V</td>
<td>1P+N+G</td>
<td>33-68235-C-K16</td>
<td>37-68235-C-K16</td>
</tr>
<tr>
<td>120V</td>
<td>3P+N+G</td>
<td>33-68237-C-K16</td>
<td>37-68237-C-K16</td>
</tr>
<tr>
<td>120V</td>
<td>1P+N+G</td>
<td>33-68175-C-K07</td>
<td>37-68175-C-K07</td>
</tr>
<tr>
<td>120V</td>
<td>3P+N+G</td>
<td>33-68176-C-K07</td>
<td>37-68176-C-K07</td>
</tr>
<tr>
<td>480V</td>
<td>3P+N+G</td>
<td>33-68233-C-K16</td>
<td>37-68233-C-K16</td>
</tr>
<tr>
<td>600V</td>
<td>3P+N+G</td>
<td>33-68173-C-K07</td>
<td>37-68173-C-K07</td>
</tr>
</tbody>
</table>

### Notes:

- *Not UL/CSA listed.

See pg 211-220 for detailed information on these options.

480V DS100C Order Example:

**To order 2 auxiliary/pilot contacts on an inlet and receptacle add -972 to the part numbers.**

- **Receptacle**
  - 33-68182-C-K14
  - 37-68182-C-K14
- **Inlet**
  - 33-68182-C-K14
  - 37-68182-C-K14

### Notes:

- Inlet with P+N+G configuration and receptacle with P+G configuration.

### DS60, DS100C and DR100 with 4 Auxiliary Contacts

#### Main Options

- **Auxiliary/Pilot Contacts**
- **Mushroom Pawl**
- **Padlock Pawl**
- **Closed Lid Configuration**

Don’t forget to add installation accessories to your order.

For international configurations and ratings (IEC,CE) visit meltric.com/international-catalog or contact customer service at 800.433.7642.
**DR100 – catalog info**

### DR100

**DR – 100A**

**Standard Duty Plugs & Receptacles**

#### UL/CSA Ratings

- Max Amperage & Voltage
  - 100A, 600 VAC
- Current Interruption Capability
  - For current interrupting up to 250 VAC
  - For Switch-Rated devices, see DS & DSN sections.
- Short Circuit Rating
  - 100KA
  - Testing was performed with RK1 current limiting fuses sized at at least 100% of the device ampacity rating.
- Environmental Ratings
  - Type 3R
- Temperature Range
  - Min -40°F/Max 140°F
  - See pg 234 for temps below -15°F.
- Wiring Capacity
  - Min 10 AWG Max 2 AWG
  - Aux Contacts - Max 14 AWG
  - Based on THHN wire sizes
- Applicable Standards
  - UL 1682, CSA 182.1

### North American UL/CSA Configurations

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Polarity</th>
<th>Part #</th>
<th>Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td>120V+</td>
<td>1P+N+G</td>
<td>31-64235-K16</td>
<td>39-64235-K16</td>
</tr>
<tr>
<td>208V+</td>
<td>1P+N+G</td>
<td>31-68235-K16</td>
<td>39-68235-K16</td>
</tr>
<tr>
<td>277V+</td>
<td>1P+N+G</td>
<td>31-64235-K16</td>
<td>39-64235-K16</td>
</tr>
<tr>
<td>480V+</td>
<td>2P+N+G</td>
<td>31-64237-K16</td>
<td>39-64237-K16</td>
</tr>
<tr>
<td>208V+</td>
<td>2P+N+G</td>
<td>31-68237-K16</td>
<td>39-68237-K16</td>
</tr>
<tr>
<td>277V+</td>
<td>2P+N+G</td>
<td>31-64237-K16</td>
<td>39-64237-K16</td>
</tr>
<tr>
<td>480V+</td>
<td>2P+N+G</td>
<td>31-68237-K16</td>
<td>39-68237-K16</td>
</tr>
</tbody>
</table>

#### Receptacle Options

- With 2 Auxiliary/Pilot Contacts
  - Recept # - 972
- With 3 Auxiliary/Pilot Contacts
  - Recept # - 263
- With 4 Auxiliary/Pilot Contacts
  - Recept # - 244
- Type 4X & closed lid configuration
  - Recept # - 4X
- Mushroom Pawl
  - Recept # - 375
- Padlock Pawl
  - Recept # - 843
- Padlockable Mushroom Pawl
  - Recept # - 375-843
- Locking Mushroom Pawl
  - Recept # - 845
- Metal Pawl (on poly receptacle)
  - Recept # - 824
- Closed Lid Configuration
  - Recept # - NC
- With Auxiliary Switch
  - Recept # - 270

#### Inlet Options

- With 2 Auxiliary/Pilot Contacts
  - Inlet # - 972
- With 3 Auxiliary/Pilot Contacts
  - Inlet # - 263
- With 4 Auxiliary/Pilot Contacts
  - Inlet # - 244
- Type 4X Watertightness
  - Inlet # - 4X
- With No Lockout Hole
  - Inlet # - A155
- For Auxiliary Switch
  - Inlet # - NN4

**Notes:**

- * Not UL/CSA listed.

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**Notes:**

- Order inlet with P+N+G configuration and receptacle with P+G configuration.

**Closed Lid Configuration**

Recommended for cord applications to keep lid tucked in to avoid damage.

- Max Amperage & Voltage
  - 100A, 600 VAC
- Current Interruption Capability
  - For current interrupting up to 250 VAC
- Short Circuit Rating
  - 100KA
- Environmental Ratings
  - Type 3R
- Temperature Range
  - Min -40°F/Max 140°F
- Wiring Capacity
  - Min 10 AWG Max 2 AWG
- Applicable Standards
  - UL 1682, CSA 182.1

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**Main Options**

- **Auxiliary Contacts**
  - For international configurations and ratings (IEC, CE) visit meltric.com/international-catalog or contact customer service at 800.433.7642.

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**DR100 Order Example:**

To order 2 auxiliary/pilot contacts on an inlet and receptacle add -972 to the part numbers.

- DR100 Inlet 3P+G = 31-64235-K16-972
- DR100 Receptacle 3P+G = 31-64235-K04-972

Appropriate accessory part numbers must also be included on the order.

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**4765 W. Oakwood Park Drive • Franklin, WI 53132 • 800.433.7642 • Fax 414.433.2701 • meltric.com**