HP Rating Improvements: DS100C now 50 hp

Recent product improvements have allowed MELTRIC to upgrade horsepower ratings on all DS100c models. Effective immediately, DS100C inlets and receptacles will be UL and CSA horsepower rated according to the table below.

In order to meet performance test requirements MELTRIC now includes the following improvements on DS100C devices:

- An insulator was added to the ground contact (poly & metal devices).
- An insulator was added to the inside of the male casing (metal devices only).
- Upgraded phase contacts.

The new modifications do not affect compatibility with older models.

### product improvement description

<table>
<thead>
<tr>
<th>Voltage</th>
<th>New DS100c Ratings</th>
<th>Old DS100c Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>120V 1Ø</td>
<td>5 hp</td>
<td>3 hp</td>
</tr>
<tr>
<td>208V 1Ø</td>
<td>10 hp</td>
<td>5 hp</td>
</tr>
<tr>
<td>240V 1Ø</td>
<td>10 hp</td>
<td>5 hp</td>
</tr>
<tr>
<td>277V 1Ø</td>
<td>15 hp</td>
<td>7.5 hp</td>
</tr>
<tr>
<td>480V 1Ø</td>
<td>25 hp</td>
<td>15 hp</td>
</tr>
<tr>
<td>600V 1Ø</td>
<td>25 hp</td>
<td>20 hp</td>
</tr>
<tr>
<td>208V 3Ø</td>
<td>20 hp</td>
<td>10 hp</td>
</tr>
<tr>
<td>240V 3Ø</td>
<td>20 hp</td>
<td>10 hp</td>
</tr>
<tr>
<td>480V 3Ø</td>
<td>50 hp</td>
<td>25 hp</td>
</tr>
<tr>
<td>600V 3Ø</td>
<td>50 hp</td>
<td>25 hp</td>
</tr>
</tbody>
</table>

### communication plan

- The MELTRIC website is in the process of being updated to reflect the new DS100C ratings.
- All digital literature on the site will be updated in the next few days.
- Paper copies of the catalog will be updated when existing inventory is depleted. (likely in January 2018). An updated copy of the DS100C catalog page is included in this announcement.

### pricing

Pricing will remain the same for 2017.
HP Rating Improvements: DS100C now 50 hp

UL/CSA Ratings
- Max Amperage & Voltage
  100A, 600 VAC
- Switch-Ratings (AC Only)
  Branch Circuit & Motor Circuit Disconnect Switching
- Horsepower Ratings
  1Ø  5 hp
  1Ø  10 hp
  3Ø  20 hp
  3Ø  20 hp
  3Ø  50 hp
  3Ø  50 hp
- Short Circuit Rating
  Tested with RN current limiting fuses sized at 40% of the highest full load motor amperage.
- 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 Suffix #
- With 2 Auxiliary/Pilot Contacts
  Recept # - 972
- With 3 Auxiliary/Pilot Contacts
  Recept # - 973
- With 4 Auxiliary/Pilot Contacts
  Recept # - 974
- Type 4X & closed lid configuration
  Recept # - 4X
- Straight Insertion
  Recept # - 352
- Self-Ejecting Connector Release
  Recept # - 354
- 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°
- Recess Plate
  Recept # - 142

Inlet Options Suffix #
- With 2 Auxiliary/Pilot Contacts
  Inlet # - 972
- With 3 Auxiliary/Pilot Contacts
  Inlet # - 973
- With 4 Auxiliary/Pilot Contacts
  Inlet # - 974
- Type 4X Watertightness
  Inlet # - 4X
- Self-Ejecting Plug Release
  Inlet # - 338
- With No Lockout Hole
  Inlet # - A155
- For Auxiliary Switch*
  Inlet # - NN

Notes:
* Order inlet with P+N+G configuration and receptacle with P+G configuration.
* Not UL/CSA listed.

DS100C Poly inlet 3P+G=33-68243-C-K04-972
DS100C Poly receptacle 3P+G=33-68243-C-K04-972
Appropriate accessory part numbers must also be included on the order.

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