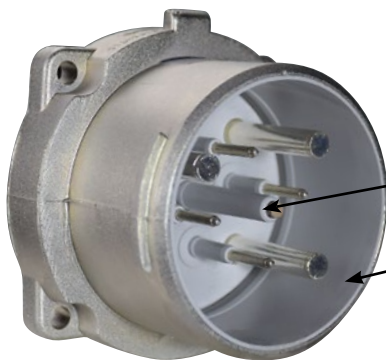


HP Rating Improvements: DS100C now 50 hp

product improvement description

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.

Voltage	New DS100c Ratings	Old DS100c Ratings
120V 1Ø	5 hp	3 hp
208V 1Ø	10 hp	5 hp
240V 1Ø	10 hp	5 hp
277V 1Ø	15 hp	7.5 hp
480V 1Ø	25 hp	15 hp
600V 1Ø	25 hp	20 hp
208V 3Ø	20 hp	10 hp
240V 3Ø	20 hp	10 hp
480V 3Ø	50 hp	25 hp
600V 3Ø	50 hp	25 hp



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.

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

catalog

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**

120V	10	5 hp
240V	10	10 hp
208V	30	20 hp
240V	30	20 hp
480V	30	50 hp
600V	30	50 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 (female)



Don't forget to add installation accessories to your order

Inlet (male)



North American UL/CSA Configurations

Voltage	Polarity	Part #	
		Poly	Metal
120V	1P+N+G	33-64235-C-K16	37-64235-C-K16
120/208V	3P+N+G	33-64237-C-K16	37-64237-C-K16
125V	1P+N+G	33-64175-C-K07	37-64175-C-K07
125/250V	2P+N+G	33-64176-C-K07	37-64176-C-K07
208V	2P+G	33-64232-C-K16	37-64232-C-K16
208V	3P+G	33-64233-C-K16	37-64233-C-K16
250V	2P+G	33-64172-C-K07	37-64172-C-K07
250V	3P+G	33-64173-C-K07	37-64173-C-K07
277V	1P+N+G	33-64245-C-K04	37-64245-C-K04
277/480V	3P+N+G	33-64247-C-K04	37-64247-C-K04
347/600V	3P+N+G	33-64187-C-K14	37-64187-C-K14
480V	2P+G	33-64242-C-K04	37-64242-C-K04
480V	3P+G	33-64243-C-K04	37-64243-C-K04
600V	2P+G	33-64182-C-K14	37-64182-C-K14
600V	3P+G	33-64183-C-K14	37-64183-C-K14

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

Main Options

- Auxiliary/Pilot Contacts
- Mushroom Pawl
- Padlock Pawl
- Closed Lid Configuration
Recommended for cord applications to keep lid tucked in to avoid damage.

See pgs 211-220 for detailed information on these options

Receptacle Options

Receptacle Options	Suffix #
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
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

Notes: * Not UL/CSA listed.

Inlet Options

Inlet Options	Suffix #
With 2 Auxiliary/Pilot Contacts	Inlet # - 972
With 3 Auxiliary/Pilot Contacts	Inlet # - 263
With 4 Auxiliary/Pilot Contacts	Inlet # - 264
Type 4X Watertightness	Inlet # - 4X
Self-Ejecting Plug Release	Inlet # - 338
With No Lockout Hole	Inlet # - A155
For Auxiliary Switch*	Inlet # - NNF

Notes: * Order inlet with P+N+G configuration and receptacle with P+G configuration.

480V DS100C Order Example:

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

DS100C Poly inlet 3P+G=33-68243-C-K04-**972**

DS100C Poly receptacle 3P+G=33-64243-C-K04-**972**

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