

# Product Enhancement Announcement

## Higher HP Ratings for DSN20

Issue date: 23 July 2019

### Product Overview

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Horsepower ratings have increased for the DSN20 Switch-Rated plug and receptacle. The new UL and CSA HP ratings are:

- .75 hp @ 120VAC 1Ø
- 2 hp @ 240VAC 1Ø
- 3 hp @ 208VAC 3Ø
- 3 hp @ 240VAC 3Ø
- 7.5 hp @ 480VAC 3Ø
- 7.5 hp @ 600VAC 3Ø

In addition, the device is now UL rated with the pilot circuit. The CSA rating of devices with the pilot circuit is in progress and is expected within the next 2-3 months pending review of the UL file.

DSN20s with the enhanced UL and CSA HP ratings and the UL rated pilot circuits are available for shipment. View the updated listings in the online MELTRIC catalog.

### FAQs

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#### Are these plugs and receptacles UL listed?

Yes, they are listed to UL 2682 and UL 1682.

#### Are these devices CSA listed?

Without pilots, they are CSA listed to 182.1. The CSA listing with the pilots is currently pending CSA review of the UL file. The approved CSA listing with the pilot circuit is expected within the next 2-3 months.

#### What's different about the DSN20 pilot contacts?

Unlike other DSN and DS products, the DSN20 pilot contacts are only on the receptacle side and create a continuity loop that is completed when the plug is connected to the receptacle. The pilot circuit is in the interior of the receptacle and is not visible to the user once the device is installed.

#### When will these enhanced plugs and receptacles be available?

The enhanced hp rated DSN20 devices are currently available for shipment. View the updated listings in the online MELTRIC catalog at [meltric.com](http://meltric.com).

## DSN20 Switch-Rated Plugs & Receptacles – 20A

### UL/CSA Ratings

- **Max Amperage & Voltage**  
20A, 600 VAC
- **Switch-Rating (AC Only)**  
Branch Circuit & Motor Circuit Disconnect Switching
- **Horsepower Ratings**

120V	1Ø	.75 hp
240V	1Ø	2 hp
208V	3Ø	3 hp
240V	3Ø	3 hp
480V	3Ø	7.5 hp
600V	3Ø	7.5 hp
- **Short Circuit Rating**  
100kA Close & Withstand  
Testing was performed with RK1 current limiting fuses sized at 400% of the highest full load motor ampacity associated with the devices hp rating.
- **Environmental Ratings**  
Type 4X/IP69k\*  
\* Also meets IP66/IP67 requirements
- **Temperature Range**  
Min -40°F/Max 140°F  
See pg 271 for temps below -15°F.
- **Wiring Capacity**  
Min 14 AWG Max 12 AWG  
Aux Contacts - 14 AWG prewired
- **Certifications**  
UL 2682, UL 1682, CSA 182.1

### Receptacle (female)



### Inlet (male)



! Don't forget to add installation accessories to your order

### North American UL/CSA Configurations

Voltage	Polarity	Part # Poly	Part # Poly
120V	1P+N+G	63-14165	63-18165
120 208V	3P+N+G	63-14167	63-18167
125V	1P+N+G	63-14075	63-18075
125 250V	2P+N+G	63-14076	63-18076
208V	2P+G	63-14162	63-18162
208V	3P+G	63-14163	63-18163
250V	2P+G	63-14072	63-18072
250V	3P+G	63-14073	63-18073
277V	1P+N+G	63-14045	63-18045
277 480V	3P+N+G	63-14047	63-18047
347 600V	3P+N+G	63-14147	63-18147
480V	2P+G	63-14042	63-18042
480V	3P+G	63-14043	63-18043
600V	2P+G	63-14142	63-18142
600V	3P+G	63-14143	63-18143

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

### Main Options



**Mushroom Pawl**



**Padlock Pawl**



**Closed Lid Configuration**

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

### Receptacle Options

### Suffix #

### Inlet Options

### Suffix #

With Pilot Circuit	<b>Recept # - 972+</b>	Self-Ejecting Plug Release	<b>Inlet # - 338</b>
Straight Insertion	<b>Recept # - 352</b>	With No Lockout Hole	<b>Inlet # - A155</b>
Self-Ejecting Connector Release	<b>Recept # - 354</b>		
Mushroom Pawl	<b>Recept # - 375</b>		
Padlock Pawl	<b>Recept # - 843</b>		
Padlockable Mushroom Pawl	<b>Recept # - 375-843</b>		
Metal Pawl	<b>Recept # - 824</b>		
Closed Lid Configuration	<b>Recept # - NC</b>		

**Notes:** \* Unlike other DSN & DS products, the DSN20 pilots are only on the receptacle side and create a continuity loop that is completed when a plug is connected to the receptacle. CSA listing is expected in Q3 2019.

! See pages 248-257 for detailed information on these options

**Order Example: 480V DSN20 with padlock pawl**  
DSN20 Receptacle 3P+G = 63-14043-843