

DSN



Features and Ratings	p. 24
DSN20	p. 25
DSN30	p. 27
DSN60	p. 29
DSN150	p. 31
Spare parts	p. 33
Dimensions	p. 35



Switch-rated plug and receptacle with Type 4X protection

DSN Series products are switch and hp rated for quick, safe equipment changeouts. DSN's are ideal for wet environments since they offer Type 4X watertightness as soon as the plug is latched to the receptacle or as soon as the receptacle lid is closed.

Main Advantages

- ▶ Switch & Hp rated
- ▶ 100 kA short circuit rated*
- ▶ Type 4X, IP66/67
- ▶ Compact, lightweight design
- ▶ Up to 6 auxiliary contacts

Highlighted Advantage

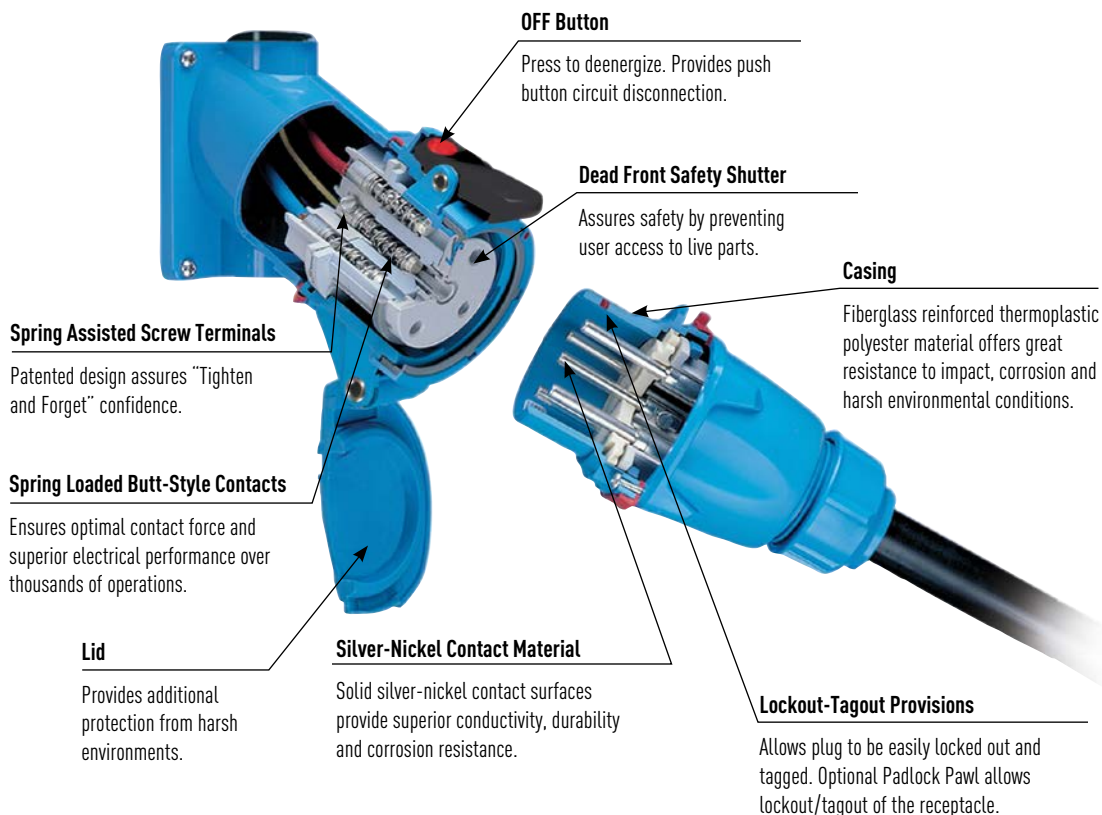
Simplify Compliance to
NFPA 70E & CSA Z462

See pgs 19-20 for
more information



* See note under General Ratings on the next page.

Product Features



General Ratings

Amperage	20 to 150A
Voltage	600 VAC
Frequency	50-400 Hz
Horsepower	1/2 to 75 hp
Short-Circuit (Make & Withstand)	100kA*
Environmental	Type 4X, IP66+IP67
Temperature	min -40°F/max 140°F

* DSN20, DSN30, DSN60: Testing was performed with RK1 current limiting fuses sized at 400% or more of the highest full load motor ampacity associated with the devices horsepower ratings.

* DSN150: 100kA testing was performed with 225A RK1 non-time delay Mersen fuses. 10kA testing was performed with 400A RK1 non-time delay Mersen fuses.

Listings

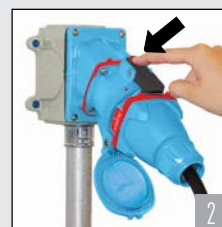
Category	UL	CSA	IEC
Plugs and Receptacles	UL 1682	C22.2 No. 182.1	60309-1
Branch Circuit Disconnect Switching (AC only)	UL Subject 2682 (Performance tests from UL 98)	UL Subject 2682	60947-3, AC22, AC23
Motor Circuit Disconnect Switching (AC only)	UL Subject 2682 (Performance tests from UL 508)	UL Subject 2682	

CE ratings available upon request.

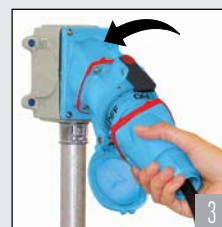
Operating Instructions



When the plug and receptacle are latched together, the circuit is connected.



Pressing the pawl causes the DECONTACTOR to break the circuit. The plug is ejected to its rest position; its contacts are now dead.



Rotating the 'dead' plug 30° counterclockwise closes the safety shutter and frees the plug to be withdrawn from the receptacle.

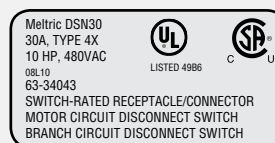


The plug and the receptacle are separated. The safety shutter prevents access to live parts.

5 To reconnect, insert plug into receptacle, rotate 30° clockwise, and apply insertion force.

Highlighted Feature

Typical Device Labels



DSN Deconnectors are UL & CSA rated for "motor circuit" and "branch circuit" disconnect switching – up to 75 hp and up to 150A

DSN20



DECONTACTOR™ – 20A

Switch-Rated Plugs & Receptacles

Ratings

- Voltage**
600 VAC
- Switch-Rating (AC Only)**
Branch Circuit & Motor Circuit Disconnect Switching
- Horsepower Ratings**

120V	1Ø	1/2 hp
240V	1Ø	1 1/2 hp
208V	3Ø	2 hp
240V	3Ø	2 hp
480V	3Ø	5 hp
600V	3Ø	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, IP66+IP67
- Temperature Range**
Min -40°F / Max 140°F
See pg 228 for temps below -15°F.
- Wiring Capacity**
Min 14 AWG Max 12 AWG
- Listings**
UL, CSA, IEC, CE*
* Contact Customer Service

Receptacle (female)



Don't forget to add installation accessories to your order



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

Voltage	Polarity	Part # Poly
120V	1P+N+G	63-14165
120/208V	3P+N+G	63-14167
125V	1P+N+G	63-14075
125/250V	2P+N+G	63-14076
208V	2P+G	63-14162
208V	3P+G	63-14163
250V	2P+G	63-14072
250V	3P+G	63-14073
277V	1P+N+G	63-14045
277/480V	3P+N+G	63-14047
347/600V	3P+N+G	63-14147
480V	2P+G	63-14042
480V	3P+G	63-14043
600V	2P+G	63-14142
600V	3P+G	63-14143

Inlet (male)



Voltage	Polarity	Part # Poly
120V	1P+N+G	63-18165
120/208V	3P+N+G	63-18167
125V	1P+N+G	63-18075
125/250V	2P+N+G	63-18076
208V	2P+G	63-18162
208V	3P+G	63-18163
250V	2P+G	63-18072
250V	3P+G	63-18073
277V	1P+N+G	63-18045
277/480V	3P+N+G	63-18047
347/600V	3P+N+G	63-18147
480V	2P+G	63-18042
480V	3P+G	63-18043
600V	2P+G	63-18142
600V	3P+G	63-18143

Main Options



Receptacle Options

Suffix

Straight Insertion	Recept # - 352
Self-Ejecting Connector Release	Recept # - 354
Mushroom Pawl	Recept # - 375
Padlock Pawl	Recept # - 843
Padlockable Mushroom Pawl	Recept # - 375-843
Metal Pawl	Recept # - 824
Closed Lid Configuration	Recept # - NC

Inlet Options

Suffix

Self-Ejecting Plug Release	Inlet # - 338
With No Lockout Hole	Inlet # - A155

DSN20 Order Example:

To order a receptacle with a padlock pawl add **-843** the receptacle part number.

DSN20 receptacle 3P+G= 63-14043-**843**

Appropriate accessory numbers must also be included on the order.

How to Order

Receptacle and Inlet (see above)



Angle, Handle, Plug Cap, etc (see opposite page)

See pgs 205-214 for detailed information on these options

Installation Accessories

Handles



NPT	Poly Handle	Cable Range	Nylon Handle	Extended Handle	Angled Handle
1/2"	61-1A013-12	.20 - .82	–	61-1A413	–
3/4"	61-1A013-34	.35 - .70	61-1A013	–	61-1A313
1"	61-1A013-1				

- Notes:**
- Finger draw plates are recommended for easier connector closure on cord to cord assemblies.
 - For available cord grips, see pgs 171-172.

- For a guideline of NPT sizes based on cable ranges, see DSN30 on pg 28.

Angles



Metal 45° Angle	Nylon 30° Angle for MB Box	Metal 30° Angle for FS Box	Metal Straight Adapter
MA1	61-1A027-601	MAFS1*	MS1

* MAFS1 base measures approximately 4.2" x 2.7". Due to the variation in sizes of FS boxes, please verify that your FS box matches our dimensions, if not call Customer Service for other solutions.

Junction Boxes



NPT	Metal Box	Metal Box with Nylon Angle	Poly* Conduit Entry	Poly 70°** Wall Box	Poly 70° Alum Wall Box
1/2"	MB312	61-1A053-080-12	61-1A023-12	51-AA058	59-AA058-12
3/4"	MB334	61-1A053-080-34	61-1A023-34	51-AA058	59-AA058-34
1"	MB31	61-1A053-080-1	–	51-AA058	59-AA058-1
1 1/4"	MB3114	61-1A053-080-114	–	51-AA058	59-AA058-114
1 1/2"	–	–	–	–	59-AA058-112

* For poly devices only.

** 70° poly boxes are not drilled. Contact customer service if factory drilling is required.

+ Interior volume with receptacle installed.

Miscellaneous Accessories



* Set of Two (2)



For Male Devices Only



For Male Devices Only



SD18**



Mount to existing boxes



LP-843

Finger Drawplates	Protective Cap	Padlockable Plug Cap	Screwdriver for Terminal Screws	Easy Retrofit Adapter Plates	Receptacle+ Locking Pin
61-1A346	61-1A426	61-1A826	SD18**	see pg 167	LP-843

* Recommended for cord to cord assembly applications, for easier connector closure.

** Klein 608-3 1/8" cabinet tip screwdriver with 3" round shank.

+ Requires Padlockable Pawl option (-843) on receptacle.

Accessory Spotlight

Recommended Screwdriver



DSN20 terminal screws can be tightened or loosened with a 1/8" cabinet tip screwdriver. Meltric recommends Klein 608 Series or equal. The terminal screws on DSN20 devices cannot be properly accessed with a standard screwdriver.

Order Example

A typical order should include an inlet part number, a receptacle part number **AND** the matching handles, angles or other required accessories.



Male Inlet with Handle (Plug)
63-18043 + 61-1A013



Female Receptacle with Angle Adapter
63-14043 + 61-1A027

DSN30

DECONTACTOR™ – 30A

Switch-Rated Plugs & Receptacles

Ratings

- Voltage**
600 VAC
- Switch-Rating (AC Only)**
Branch Circuit & Motor Circuit Disconnect Switching
- Horsepower Ratings**

120V	1Ø	1 hp
240V	1Ø	3 hp
208V	3Ø	5 hp
240V	3Ø	5 hp
480V	3Ø	10 hp
600V	3Ø	15 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, IP66+IP67
- Temperature Range**
Min -40°F/Max 140°F
See pg 228 for temps below -15°F.
- Wiring Capacity**
Min 14 AWG Max 8 AWG
Aux Contacts - 14 AWG
- Listings**
UL, CSA, IEC, CE*

* Contact Customer Service

Receptacle (female)



Don't forget to add installation accessories to your order



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

Voltage	Polarity	Part # Poly
120V	1P+N+G	63-34165
120/208V	3P+N+G	63-34167
125V	1P+N+G	63-34075
125/250V	2P+N+G	63-34076
208V	2P+G	63-34162
208V	3P+G	63-34163
250V	2P+G	63-34072
250V	3P+G	63-34073
277V	1P+N+G	63-34045
277/480V	3P+N+G	63-34047
347/600V	3P+N+G	63-34147
480V	2P+G	63-34042
480V	3P+G	63-34043
600V	2P+G	63-34142
600V	3P+G	63-34143

Inlet (male)



Voltage	Polarity	Part # Poly
120V	1P+N+G	63-38165
120/208V	3P+N+G	63-38167
125V	1P+N+G	63-38075
125/250V	2P+N+G	63-38076
208V	2P+G	63-38162
208V	3P+G	63-38163
250V	2P+G	63-38072
250V	3P+G	63-38073
277V	1P+N+G	63-38045
277/480V	3P+N+G	63-38047
347/600V	3P+N+G	63-38147
480V	2P+G	63-38042
480V	3P+G	63-38043
600V	2P+G	63-38142
600V	3P+G	63-38143

Main Options



Auxiliary/Pilot Contacts



Mushroom Pawl



Padlock Pawl



Closed Lid Configuration

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

Receptacle Options

Suffix

With 2 Auxiliary/Pilot Contacts	Recept # - 972
Straight Insertion	Recept # - 352
Self-Ejecting Connector Release	Recept # - 354
Mushroom Pawl	Recept # - 375
Padlock Pawl	Recept # - 843
Padlockable Mushroom Pawl	Recept # - 375-843
Metal Pawl	Recept # - 824
Closed Lid Configuration	Recept # - NC
With Auxiliary Switch	Recept # - 270*

Notes: * Not UL/CSA Listed

DSN30 Order Example:

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

DSN30 Inlet 3P+G = 63-38043-972

DSN30 Receptacle 3P+G = 63-34043-972

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

Inlet Options

Suffix

With 2 Auxiliary/Pilot Contacts	Inlet # - 972
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.

How to Order

Receptacle and Inlet (see above)



Angle, Handle, Plug Cap, etc (see opposite page)



See pgs 205-214 for detailed information on these options

Installation Accessories

Handles



NPT	Poly Handle	Cable Range	Nylon Handle	Poly Handle w/Clamp & Bushing
1/2"	61-3A013-12	.20 - .82	61-3A013	-
3/4"	61-3A013-34	.750 - .875	-	1PM514
1"	61-3A013-1	.875 - 1.000	-	1PM516
1 1/4"	61-3A013-114	1.000 - 1.125	-	1PM518
		1.125 - 1.250	-	1PM520
		1.250 - 1.375	-	1PM522

- Notes:**
- Finger draw plates are recommended for easier connector closure on cord to cord assemblies.
 - For available cord grips, see pgs 171-172.

NPT Guidelines

Cable Range	NPT
.312 - .625	1/2"
.438 - .812	3/4"
.660 - 1.000	1"
.875 - 1.375	1 1/4"

NPT sizes are determined by the cable diameter and third party cord grip.

Angles



Nylon 30° Angle	Metal 30° Angle	Metal Angle FS/FD Box 30°	Metal Straight Adapter
61-3A027	MA2	MAFS2*	MS2

* MAFS2 base measures approximately 4.2" x 2.7". Due to the variation in sizes of FS boxes, please verify that your FS box matches our dimensions, if not call Customer Service for other solutions.

Junction Boxes



NPT	Metal Box	Metal Box with Nylon Angle	Poly* Conduit Entry	Poly 70°** Wall Box	Poly 70° Alum Wall Box
1/2"	MB312	61-3A053-080-12	61-3A023-12	51-BA058	59-BA058-12
3/4"	MB334	61-3A053-080-34	61-3A023-34	51-BA058	59-BA058-34
1"	MB31	61-3A053-080-1	-	51-BA058	59-BA058-1
1 1/4"	MB3114	61-3A053-080-114	-	51-BA058	59-BA058-114
1 1/2"	-	-	-	-	59-BA058-112

* For poly devices only.

** 70° poly boxes are not drilled. Contact customer service if factory drilling is required.

+ Interior volume with receptacle installed.

Miscellaneous Accessories



* Set of Two (2)



For Male Devices Only



For Male Devices Only



Screwdriver for Terminal Screws



Mount to existing boxes



Receptacle Locking Pin

Finger Drawplates	Protective Cap	Padlockable Plug Cap	Screwdriver for Terminal Screws	Easy Retrofit Adapter Plates	Receptacle Locking Pin
61-3A346	61-3A426	61-3A826	SD18**	see pg 167	LP-843

* Recommended for cord to cord assembly applications, for easier connector closure.

** Klein 608-3 1/8" cabinet tip screwdriver with 3" round shank.

+ Requires Padlockable Pawl option (-843) on receptacle.

Accessory Spotlight

Receptacle Locking Pin



A 5/16" locking pin can be ordered to securely lockout receptacles that include the 'padlockable pawl' option. Alternatively the user can utilize a lock with a 5/16" shank. Locks with smaller shanks will NOT securely lockout a receptacle pawl.

Order Example

A typical order should include an inlet part number, a receptacle part number **AND** the matching handles, angles or other required accessories.



Male Inlet with Handle (Plug)
63-38043 + 61-3A013



Female Receptacle with Angle Adapter
63-34043 + 61-3A027

DSN60



DECONTACTOR™ – 60A

Switch-Rated Plugs & Receptacles

Ratings

- Voltage**
600 VAC
- Switch-Rating (AC Only)**
Branch Circuit & Motor Circuit Disconnect Switching
- Horsepower Ratings**

120V	1Ø	2 hp
240V	1Ø	3 hp
208V	3Ø	7 1/2 hp
240V	3Ø	7 1/2 hp
480V	3Ø	20 hp
600V	3Ø	20 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, IP66+IP67
- Temperature Range**
Min -40°F/Max 140°F
See pg 228 for temps below -15°F.
- Wiring Capacity**
Min 12 AWG Max 4 AWG
Aux Contacts - Max 14 AWG
- Listings**
UL, CSA, IEC, CE*

* Contact Customer Service



Don't forget to add installation accessories to your order



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

Inlet (male)



Voltage	Polarity	Part # Poly
120V	1P+N+G	63-64165
120/208V	3P+N+G	63-64167
125V	1P+N+G	63-64075
125/250V	2P+N+G	63-64076
208V	2P+G	63-64162
208V	3P+G	63-64163
250V	2P+G	63-64072
250V	3P+G	63-64073
277V	1P+N+G	63-64045
277/480V	3P+N+G	63-64047
347/600V	3P+N+G	63-64147
480V	2P+G	63-64042
480V	3P+G	63-64043
600V	2P+G	63-64142
600V	3P+G	63-64143

Voltage	Polarity	Part # Poly
120V	1P+N+G	63-68165
120/208V	3P+N+G	63-68167
125V	1P+N+G	63-68075
125/250V	2P+N+G	63-68076
208V	2P+G	63-68162
208V	3P+G	63-68163
250V	2P+G	63-68072
250V	3P+G	63-68073
277V	1P+N+G	63-68045
277/480V	3P+N+G	63-68047
347/600V	3P+N+G	63-68147
480V	2P+G	63-68042
480V	3P+G	63-68043
600V	2P+G	63-68142
600V	3P+G	63-68143

Main Options



Auxiliary/Pilot Contacts



Mushroom Pawl



Padlock Pawl



Closed Lid Configuration

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

Receptacle Options

Suffix

With 2 Auxiliary/Pilot Contacts	Recept # - 972
With 3 Auxiliary/Pilot Contacts	Recept # - 973
With 4 Auxiliary/Pilot Contacts	Recept # - 974
Straight Insertion	Recept # - 352
Self-Ejecting Connector Release	Recept # - 354
Mushroom Pawl	Recept # - 375
Padlock Pawl	Recept # - 843
Padlockable Mushroom Pawl	Recept # - 375-843
Metal Pawl	Recept # - 824
Closed Lid Configuration	Recept # - NC
With Auxiliary Switch	Recept # - 270*

Notes: * Not UL/CSA Listed

DSN60 Order Example:

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

DSN60 Inlet 3P+G = 63-68043-972

DSN60 Receptacle 3P+G = 63-64043-972

Inlet Options

Suffix

With 2 Auxiliary/Pilot Contacts	Inlet # - 972
With 3 Auxiliary/Pilot Contacts	Inlet # - 973
With 4 Auxiliary/Pilot Contacts	Inlet # - 974
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.

How to Order

Receptacle and Inlet (see above)



Accessories

Angle, Handle, Plug Cap, etc (see opposite page)



See pgs 205-214 for detailed information on these options

Installation Accessories



Makes connector closures easier

NPT	Poly Handle	Cable Range	Nylon Handle	Poly Handle w/Clamp & Bushing	Poly Handle w/built in Draw Grips
1/2"	61-6A013-12	.39 - 1.18	61-6A013	–	61-6A473
3/4"	61-6A013-34	.750 - .875	–	3PM514	–
1"	61-6A013-1	.875 - 1.000	–	3PM516	–
1 1/4"	61-6A013-114	1.000 - 1.125	–	3PM518	–
		1.125 - 1.250	–	3PM520	–
		1.250 - 1.375	–	3PM522	–

Notes:

- Finger draw plates are recommended for easier connector closure on cord to cord assemblies.
- For available cord grips, see pgs 171-172.

- For a guideline of NPT sizes based on cable ranges, see DSN30 on pg 28.

Angles



Nylon 30° Angle	Metal 30° Angle	Metal 70° Angle	Metal Angle FS/FD Box 30°	Metal Straight Adapter
61-6A027	MA3	89-3A027	MAFS3*	MS3

* MAFS3 base measures approximately 4.2" x 2.7". Due to the variation in sizes of FS boxes, please verify that your FS box matches our dimensions, if not call Customer Service for other solutions.

Junction Boxes



NPT	Metal Box	Metal Box with Nylon Angle	Poly* Conduit Entry	Poly 70°** Wall Box	Poly 70° Alum Wall Box
1/2"	MB312	61-6A053-080-12	61-6A023-12	51-CA058	59-CA058-12
3/4"	MB334	61-6A053-080-34	61-6A023-34	51-CA058	59-CA058-34
1"	MB31	61-6A053-080-1	61-6A023-1	51-CA058	59-CA058-1
1 1/4"	MB3114	61-6A053-080-114	–	51-CA058	59-CA058-114
1 1/2"	–	–	–	–	59-CA058-112

* For poly devices only.

** 70° poly boxes are not drilled. Contact customer service if factory drilling is required.

+ Interior volume with receptacle installed.

Miscellaneous Accessories



* Set of Two (2)



For Male Devices Only



For Male Devices Only



see pgs 171-172



Mount to existing boxes



LP-843

Finger Drawplates	Protective Cap	Padlockable Plug Cap	Cord Grip with Mesh	Easy Retrofit Adapter Plates	Receptacle Locking Pin
61-6A346	61-6A426	61-6A826	see pgs 171-172	see pg 167	LP-843

* Recommended for cord to cord assembly applications, for easier connector closure.

+ Requires Padlockable Pawl option (-843) on receptacle.

Accessory Spotlight

Finger Drawplates



Finger drawplates are recommended for easier connector closure on cord to cord assemblies.

Order Example

A typical order should include an inlet part number, a receptacle part number **AND** the matching handles, angles or other required accessories.



Male Inlet with Handle (Plug)
63-68043 + 61-6A013



Female Receptacle with Angle Adapter
63-64043 + 61-6A027

DSN150

DECONTACTOR™ – 150A

Switch-Rated Plugs & Receptacles

Ratings

- Voltage**
600 VAC
- Switch-Rating (AC Only)**
Branch Circuit & Motor Circuit Disconnect Switching
- Horsepower Ratings**

120V	1Ø	7 1/2 hp
240V	1Ø	20 hp
208V	3Ø	30 hp
240V	3Ø	30 hp
480V	3Ø	75 hp
600V	3Ø	75 hp
- Short Circuit Rating**
100kA Close & Withstand
Testing was performed with 225A RK1 non-time delay Mersen fuses.
10kA Close & Withstand
Testing was performed with 400A RK1 non-time delay Mersen fuses.
- Environmental Ratings**
Type 4X, IP66 + IP67
- Temperature Range**
Min -40°F/Max 140°F
See pg 228 for temps below -15°F.
- Wiring Capacity**
Min 4 AWG Max 2/0 AWG
Aux Contacts - Max 14 AWG
- Listings**
UL, CSA, IEC, CE*

* Contact Customer Service

Receptacle (female)

NEW Model

Easy Closing Mechanism



Don't forget to add installation accessories to your order



Poly casing opens to 180° but metal casing opens to 90° as standard.

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

Voltage	Polarity	Part # Poly	Part # Metal
120V	1P+N+G	63-94165	69-94165
120/208V	3P+N+G	63-94167	69-94167
125V	1P+N+G	63-94075	69-94075
125/250V	2P+N+G	63-94076	69-94076
208V	2P+G	63-94162	69-94162
208V	3P+G	63-94163	69-94163
250V	2P+G	63-94072	69-94072
250V	3P+G	63-94073	69-94073
277V	1P+N+G	63-94045	69-94045
277/480V	3P+N+G	63-94047	69-94047
347/600V	3P+N+G	63-94147	69-94147
480V	2P+G	63-94042	69-94042
480V	3P+G	63-94043	69-94043
600V	2P+G	63-94142	69-94142
600V	3P+G	63-94143	69-94143

Inlet (male)



Tabs for latching to closing mechanism



Voltage	Polarity	Part # Poly	Part # Metal
120V	1P+N+G	63-98165	69-98165
120/208V	3P+N+G	63-98167	69-98167
125V	1P+N+G	63-98075	69-98075
125/250V	2P+N+G	63-98076	69-98076
208V	2P+G	63-98162	69-98162
208V	3P+G	63-98163	69-98163
250V	2P+G	63-98072	69-98072
250V	3P+G	63-98073	69-98073
277V	1P+N+G	63-98045	69-98045
277/480V	3P+N+G	63-98047	69-98047
347/600V	3P+N+G	63-98147	69-98147
480V	2P+G	63-98042	69-98042
480V	3P+G	63-98043	69-98043
600V	2P+G	63-98142	69-98142
600V	3P+G	63-98143	69-98143

Main Options



Auxiliary/Pilot Contacts



Mushroom Pawl



Padlock Pawl



Closed Lid Configuration

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

Receptacle Options

Suffix

With 2 Auxiliary/Pilot Contacts	Recept # - 262
With 3 Auxiliary/Pilot Contacts	Recept # - 263
With 4 Auxiliary/Pilot Contacts	Recept # - 264
With 5 Auxiliary/Pilot Contacts	Recept # - 975
With 6 Auxiliary/Pilot Contacts	Recept # - 976
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
180° Opening Lid	Recept # - 180**
Closed Lid Configuration	Recept # - NC
With Auxiliary Switch	Recept # - 270***

Inlet Options

Suffix

With 2 Auxiliary/Pilot Contacts	Inlet # - 262
With 3 Auxiliary/Pilot Contacts	Inlet # - 263
With 4 Auxiliary/Pilot Contacts	Inlet # - 264
With 5 Auxiliary/Pilot Contacts	Inlet # - 975
With 6 Auxiliary/Pilot Contacts	Inlet # - 976
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.

DSN150 Order Example:

To order 2 auxiliary/pilot contacts on an inlet and receptacle add **-262** to the part numbers.

DSN150 Poly inlet 3P+G=63-98043-**262**

DSN150 Poly receptacle 3P+G=63-94043-**262**

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

Notes: ** Required when mating to rigid mounted male inlet.

*** Not UL/CSA listed.

i Metal devices only.



See pgs 205-214 for detailed information on these options

Installation Accessories

Unless indicated otherwise, accessories can be used with either poly or metal plugs and receptacles.

Handles



IP 66/67



NPT	Poly Handle	Metal* Handle	Oversized* Metal Handle
3/4"	9PH34	9H34	9MH34
1"	9PH1	9H1	9MH1
1 1/4"	9PH114	9H114	9MH114
1 1/2"	9PH112	9H112	9MH112
2"	9PH2	9H2	9MH2
2 1/2"	-	-	9MH212

Cable Range	Santoprene™ Handle	Poly Handle w/Clamp & Bushing
.70 - 1.00	65-9A013-D25	-
.984 - 1.377	65-9A013-D35	-
1.250 - 1.375	-	9PM622
1.377 - 1.771	65-9A013-D45	-
1.438 - 1.562	-	9PM625
1.562 - 1.688	-	9PM627
1.688 - 1.812	-	9PM629

- Notes:**
- Finger draw plates are recommended for easier connector closure on cord to cord assemblies.
 - For available cord grips, see pgs 171-172.
 - * For metal devices only.
 - For a guideline of NPT sizes based on cable ranges, see DS30 on pg 42.

Angles



Nylon 30° Angle	Metal 30° Angle	Metal 70° Angle	Metal Angle* Oversized 30°	Metal Straight Adapter
MP10	MA10	89-9A027	MA110	MS10

+ Mounts on oversize box only. Order with MB22xxx box. See page 50.

Junction Boxes



108.7 in³



111.8 in³

NPT	Metal Box	Metal Box with Nylon Angle	Metal Box with Metal Angle
1 1/4"	MB10114	31-9A053-080-114	39-9A053-080-114
1 1/2"	MB10112	31-9A053-080-112	39-9A053-080-112
2"	MB102	31-9A053-080-2	39-9A053-080-2
2 1/2"	MB10212	31-9A053-080-212	39-9A053-080-212

+ Interior volume with receptacle installed.

Miscellaneous Accessories



For Male Devices Only



For Male Devices Only



Cord Grip with Mesh



Mount to existing boxes



Receptacle + Locking Pin

Protective Cap	Padlockable Cap Aluminum	Cord Grip with Mesh	Easy Retrofit Adapter Plates	Receptacle + Locking Pin
31-9A126	DS9MC	see pgs 171-172	see pg 167	LP-843

+ Requires Padlockable Pawl option (-843) on receptacle.

Feature Spotlight – Easy Closing Mechanism

A new and simplified closing mechanism is now standard on the DSN150, DS100 and DS200 plugs and receptacles. This compact mechanism enables easy connection of the plug to the receptacle.

Notes: After connection, the mechanism must be released to allow disconnection of the device.



The plug is partially inserted, clamps are placed around tab, ready to pull the plug into the receptacle.



The handles are pushed down, the plug is fully drawn into the receptacle.

Order Example

A typical order should include an inlet part number, a receptacle part number **AND** the matching handles, angles or other required accessories.



Male Inlet with Handle (Plug)
63-98043 + 65-9A013-D25



Female Receptacle with Angle Adapter
63-94043 + MA10