

# DN9c Multipin Plugs & Receptacles – 20 A

## Ratings

- Voltage**  
 50 VAC or 480 VAC Max/130 VDC+  
 + For DC order 480 V model.  
 Not CSA listed.
- Amperage Rating**  
 20 A Current Interrupting (AC Only)
- Horsepower Ratings**

120 V	1Ø	1/2 hp
240 V	1Ø	1 1/2 hp
208 V	3Ø	2 hp
240 V	3Ø	3 hp
480 V	3Ø	5 hp
- Environmental Ratings**  
 IP54/IP55
- Temperature Range**  
 Min -40°F / Max 140°F  
 See pg 266 for temps below -15°F.
- Wiring Capacity**  
 Min 16 AWG Max 10 AWG
- Certifications**  
 CSA 182.1

## Receptacle (female)



## Inlet (male)



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

## North American Configurations

Voltage	Polarity	Part # Metal	Part # Metal
50 V	6P	17-14060	17-18060
50 V	7P	17-14070	17-18070
50 V	8P	17-14080	17-18080
50 V	9P	17-14090	17-18090
480 V	5P+G	17-14051	17-18051
480 V	6P+G	17-14061	17-18061
480 V	7P+G	17-14071	17-18071
480 V	8P+G	17-14081	17-18081

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**

## Receptacle Options

## Suffix #

Straight Insertion	<b>Recept # -A188~</b>
Self-Ejecting Connector Release**	<b>Recept # -348-A188~</b>
HP Watertightness (high pressure)	<b>Recept # -HP~</b>
Mushroom Pawl	<b>Recept # -375</b>
Screw-Type Locking Pawl	<b>Recept # -845</b>
Padlock Pawl	<b>Recept # -843</b>
Padlockable Mushroom Pawl	<b>Recept # -375-843</b>
Closed Lid Configuration	<b>Recept # -NC</b>

**Notes:** \*\* For self-ejecting connectors and plugs, a -443 suffix must be added to the handle part number. See pages 251-252 for more information.  
 ~ Standard closed lid configuration.



**!** See pages 243-252 for detailed information on these options

**Order Example: 50 V DN9c with Closed Lid Configuration**  
 DN9c Receptacle 9P = 17-14090-NC


# INSTALLATION ACCESSORIES – SIZE 3


Accessories can be used with either poly or metal plugs and receptacles.

**HANDLES**


HANDLE w/NPT		Part # Poly	Part # Metal
	1/2"	513P0N05	593P0N05
	3/4"	513P0N07	593P0N07
	1"	513P0N10	593P0N10
	1 1/4"	513P0N12	593P0N12

For available cord grips, see page 169. Add -443 for self-ejecting.


POLY HANDLE w/CORD GRIP		Cable Range	Part #
		.520 - .680"	713P0CP5
		.680 - .980"	713P0DP4
		.980 - 1.260"	713P0EP4

METAL HANDLE w/CORD GRIP		Cable Range	Part #
		.625 - .750"	793P0CS4
		.750 - .875"	793P0DS1
		.875 - 1.000"	793P0DS3
		1.000 - 1.125"	793P0ES2





POLY HANDLE		Cable Range	Part #
		.39 - 1.18"	513P0D30

POLY HANDLE w/BUILT IN DRAW GRIPS		Cable Range	Part #
		.39 - 1.18"	513P0D30473


Makes connector closures easier.

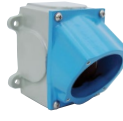
POLY HANDLE w/CLAMP & BUSHING		Cable Range	Part #
		.770 - .875"	713P0S14
		.875 - 1.000"	713P0S16
		1.000 - 1.125"	713P0S18
		1.125 - 1.250"	713P0S20
		1.250 - 1.375"	713P0S22

**ANGLES**

METAL ANGLE		Cable Range	Part #
	0°		593M0
	30°		593M3
	FS/FD Box 30°		793M3FS
* 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.			
	70°		593M7

**BOXES**

METAL BOX w/NPT		Part #
	0° 1/2"	7T1F0N05
	0° 3/4"	7T1F0N07
	0° 1"	7T1F0N10
	0° 1 1/4"	7T1F0N12


METAL ANGLE WITH METAL BOX w/NPT		Part #
	30° 1/2"	793C3N05
	30° 3/4"	793C3N07
	30° 1"	793C3N10
	30° 1 1/4"	793C3N12

\* 30.1 in<sup>3</sup>


\* Interior volume with receptacle installed.


NPT on top or bottom (if rotated). For other NPT configurations, contact Customer Service.

**MISCELLANEOUS ACCESSORIES**

FINGER DRAWPLATES	
	<p><b>61-6A346</b></p> <p>Set of Two (2) Recommended for cord to cord assembly applications, for easier connector closure.</p>

PROTECTIVE INLET/PLUG CAP	
	<p><b>19-1A126</b></p> <p>For Inlets/Plugs Only.</p>

CORD GRIP with MESH	
	<p>see pg 169</p>

RECEPTACLE LOCKING PIN	
	<p><b>LP-843</b></p> <p>Requires Padlockable Pawl option (-843) on receptacle.</p>

MULTIPIN

# DN20c Multipin Plugs & Receptacles – 20 A

## Ratings

- Voltage**  
 50 VAC or 480 VAC Max/130 VDC\*  
\* For DC order 480V model.  
 Not CSA listed.
- Amperage Rating**  
 20 A/15 A Current Interrupting\*  
 (AC Only)  
\* The amperage rating is 15 A when more than 12 contacts are used for power circuits (not control).
- Horsepower Ratings**

120 V	1Ø	1/6 hp
240 V	1Ø	1/2 hp
208 V	3Ø	1 hp
240 V	3Ø	1 hp
480 V	3Ø	3 hp
- Environmental Ratings**  
 IP54/IP55
- Temperature Range**  
 Min -40°F / Max 140°F  
See pg 266 for temps below -15°F.
- Wiring Capacity**  
 Min 16 AWG Max 10 AWG
- Certifications**  
 CSA 182.1

## Receptacle (female)



## Inlet (male)



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

## North American Configurations

Voltage	Polarity	Part # Metal	Part # Metal
50 V	10P	17-64100	17-68100
50 V	11P	17-64110	17-68110
50 V	12P	17-64120	17-68120
50 V	13P	17-64130	17-68130
50 V	14P	17-64140	17-68140
50 V	15P	17-64150	17-68150
50 V	16P	17-64160	17-68160
50 V	17P	17-64170	17-68170
50 V	18P	17-64180	17-68180
50 V	19P	17-64190	17-68190
50 V	20P	17-64200	17-68200
480 V	9P+G	17-64091	17-68091
480 V	10P+G	17-64101	17-68101
480 V	11P+G	17-64111	17-68111
480 V	12P+G	17-64121	17-68121
480 V	13P+G	17-64131	17-68131
480 V	14P+G	17-64141	17-68141
480 V	15P+G	17-64151	17-68151
480 V	16P+G	17-64161	17-68161
480 V	17P+G	17-64171	17-68171
480 V	18P+G	17-64181	17-68181
480 V	19P+G	17-64191	17-68191

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## Main Options



**Mushroom Pawl**



**Self-Ejecting Devices**

\* Requires straight insertion receptacle or inlet and self-ejecting plug or connector.

**!** See pages 243-252 for detailed information on these options

## Receptacle Options

## Suffix #

## Inlet Options

## Suffix #



Straight Insertion	<b>Recept # -A188~</b>	Self-Ejecting Plug Release**	<b>Inlet # -338-A188</b>
Self-Ejecting Connector Release**	<b>Recept # -348-A188~</b>	Straight Insertion	<b>Inlet # -A188</b>
HP Watertightness (high pressure)	<b>Recept # -HP~</b>	<b>Notes:</b> ** For self-ejecting connectors and plugs, a -443 suffix must be added to the handle part number. See pages 251-252 for more information. ~ Standard closed lid configuration.	
Mushroom Pawl	<b>Recept # -375</b>		
Screw-Type Locking Pawl	<b>Recept # -845</b>		
Padlock Pawl	<b>Recept # -843</b>		
Padlockable Mushroom Pawl	<b>Recept # -375-843</b>		
180° Opening Lid	<b>Recept # -180</b>		
Closed Lid Configuration	<b>Recept # -NC</b>		

**Order Example: 50 V DN20c with Closed Lid Configuration**  
 DN20c Receptacle 19P = 17-64190-NC


# INSTALLATION ACCESSORIES – SIZE 5


Accessories can be used with either poly or metal plugs and receptacles.

**HANDLES**


HANDLE w/NPT		Part # Poly	Part # Metal
	3/4"	515P0N07	595P0N07
	1"	515P0N10	595P0N10
	1 1/4"	515P0N12	595P0N12
	1 1/2"	515P0N15	595P0N15
	2"	515P0N20	595P0N20


For available cord grips, see page 169. Add -443 for self-ejecting.

POLY HANDLE w/CORD GRIP	Cable Range	Part #
	.980 - 1.260"	715P0EP4
	1.260 - 1.560"	715P0FP1
	1.520 - 1.860"	715P0GP2


METAL HANDLE w/CORD GRIP	Cable Range	Part #
	1.250 - 1.375"	795P0FS1
	1.438 - 1.562"	795P0FS2*
	1.562 - 1.688"	795P0FS3*
	1.688 - 1.812"	795P0GS1

\*May require stripping of cable jacket.

POLY HANDLE w/CLAMP & BUSHING	Cable Range	Part #
	1.250 - 1.375"	715P0S22
	1.438 - 1.562"	715P0S25
	1.562 - 1.688"	715P0S27
	1.688 - 1.812"	715P0S29


SANTOPRENE HANDLE	Cable Range	Part #
	.70 - 1.000"	555P0D25
	.984 - 1.377"	555P0D35
	1.378 - 1.771"	555P0D45

**ANGLES**

METAL ANGLE	Angle	Part #
	0°	595M0
	30°	595M3
	70°	595M7

**BOXES**

METAL BOX w/NPT	Angle	Depth	Part #
	0°	1 1/4"	7T5F0N12
	0°	1 1/2"	7T5F0N15
	0°	2"	7T5F0N20
	0°	2 1/2"	7T5F0N25


METAL ANGLE WITH METAL BOX w/NPT	Angle	Depth	Part #
	30°	1 1/4"	795C3N12
	30°	1 1/2"	795C3N15
	30°	2"	795C3N20
	30°	2 1/2"	795C3N25

\* 118.9 in<sup>3</sup>


\* Interior volume with receptacle installed.

NPT on top or bottom (if rotated). For other NPT configurations, contact Customer Service.

**MISCELLANEOUS ACCESSORIES**

PROTECTIVE INLET/PLUG CAP	Part #	Notes
	19-6A126	For Inlets/Plugs Only.

CORD GRIP with MESH	Part #
	see pg 169

RECEPTACLE LOCKING PIN	Part #	Notes
	LP-843	Requires Padlockable Pawl option (-843) on receptacle.

MULTIPIN