

# DS7c Multipin Plugs & Receptacles – 30 A

## UL/CSA Ratings

- **Voltage**  
50 VAC or 600 VAC Max/130 VDC+  
+ For DC order 600V model
- **Amperage Rating**  
30 A Current Interrupting
- **Temperature Range**  
Min -40°F/Max 140°F  
See pg 258 for temps below -15°F.
- **Environmental Ratings**  
IP54/IP55
- **Wiring Capacity**  
Min 14 AWG Max 8 AWG
- **Certifications**  
Contact Customer Service

For DS7c dimensions, see pgs 55-56.

## Receptacle (female)



## Inlet (male)



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

## North American Configurations

Voltage	Polarity	Part #		Part #	
		Poly	Metal	Poly	Metal
50V	4P	33-34540	37-34540	33-38540	37-38540
50V	5P	33-34550	37-34550	33-38550	37-38550
50V	6P	33-34560	37-34560	33-38560	37-38560
50V	7P	33-34570	37-34570	33-38570	37-38570
600V	3P+G	33-34531	37-34531	33-38531	37-38531
600V	4P+G	33-34541	37-34541	33-38541	37-38541
600V	5P+G	33-34551	37-34551	33-38551	37-38551
600V	6P+G	33-34561	37-34561	33-38561	37-38561

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**



**Self-Ejecting Devices**

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

## Receptacle Options

## Suffix #

## Inlet Options

## Suffix #

With 2 Auxiliary/Pilot Contacts	<b>Recept # - 172</b>	With 2 Auxiliary/Pilot Contacts	<b>Inlet # - 172</b>
With 3 Auxiliary/Pilot Contacts	<b>Recept # - 173</b>	With 3 Auxiliary/Pilot Contacts	<b>Inlet # - 173</b>
Type 4X & Closed Lid Configuration	<b>Recept # - 4X</b>	Type 4X Watertightness	<b>Inlet # - 4X</b>
Straight Insertion	<b>Recept # - 352</b>	Self-Ejecting Plug Release	<b>Inlet # - 338</b>
Self-Ejecting Connector Release	<b>Recept # - 354</b>	With No Lockout Hole	<b>Inlet # - A155</b>
Mushroom Pawl	<b>Recept # - 375</b>		
Padlock Pawl	<b>Recept # - 843</b>		
Padlockable Mushroom Pawl	<b>Recept # - 375-843</b>		
Screw-Type Locking Pawl	<b>Recept # - 845</b>		
Metal Pawl (on poly receptacle)	<b>Recept # - 824</b>		
Closed Lid Configuration	<b>Recept # - NC</b>		

**!** See pages 235-244 for detailed information on these options






**Order Example: 50V DS7c + mushroom pawl**

DS7c Poly receptacle 4P = 33-34540-375

# INSTALLATION ACCESSORIES – SIZE 4


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


**HANDLES**


HANDLE w/NPT	Part # Poly	Part # Metal
 Poly 1/2"	<b>514P0N05</b>	<b>594P0N05</b>
 Poly 3/4"	<b>514P0N07</b>	<b>594P0N07</b>
 Poly 1"	<b>514P0N10</b>	<b>594P0N10</b>
 Metal 1 1/4"	<b>514P0N12</b>	<b>594P0N12</b>
 Metal 1 1/2"	<b>514P0N15</b>	<b>594P0N15</b>

For metal devices only

For available cord grips, see page 167.


POLY HANDLE w/CORD GRIP	Cable Range	Part #
	.680 - .980"	<b>714P0DP4</b>
	.980 - 1.260"	<b>714P0EP4</b>
	1.260 - 1.560"	<b>714P0FP1</b>

METAL HANDLE w/CORD GRIP	Cable Range	Part #
	.750 - .875"	<b>794P0DS1</b>
	.875 - 1.000"	<b>794P0DS3</b>
	1.000 - 1.125"	<b>794P0ES2</b>
	1.250 - 1.375"	<b>794P0FS1</b>
	1.438 - 1.562"	<b>794P0FS2*</b>
	1.562 - 1.688"	<b>794P0FS3*</b>



POLY HANDLE	Cable Range	Part #
	.51 - 1.38"	<b>514P0D35</b>






POLY HANDLE w/BUILT IN DRAW GRIPS	Cable Range	Part #
	.51 - 1.38"	<b>514P0D35473</b>

Makes connector closures easier.


POLY HANDLE w/CLAMP & BUSHING	Cable Range	Part #
	1.250 - 1.375"	<b>714P0S22</b>
	1.438 - 1.562"	<b>714P0S25</b>
	1.562 - 1.688"	<b>714P0S27</b>
	1.688 - 1.812"	<b>714P0S29</b>

**ANGLES**



POLY ANGLE	Angle	Part #	Notes
	30°	<b>514M3</b>	
	70°	<b>514M7</b>	Panel mounting only.


METAL ANGLE	Angle	Part #	Notes
	0°	<b>594M0</b>	
	30°	<b>594M3</b>	
	30°	<b>794M3L</b>	
	Oversized 30°	<b>794M3</b>	Mounts on oversized box only. Order with 715F0Nxx. See pg 50.
	70°	<b>594M7</b>	

**BOXES**


POLY CONDUIT ENTRY w/NPT	Angle	Size	Part #	Notes
	30°	1/2"	<b>514B3N05</b>	For poly devices only
	30°	3/4"	<b>514B3N07</b>	
	30°	1"	<b>514B3N10</b>	* Interior volume with receptacle installed.
	30°	1 1/4"	<b>514B3N12</b>	

\* 28.1 in<sup>3</sup>

POLY WALL BOX w/ANGLE	Angle	Part #	Notes
	70°	<b>514C7000</b>	70° poly boxes are not drilled. Contact Customer Service if factory drilled is required.
	Ground Bar	<b>51AA089</b>	* Interior volume with receptacle installed.

POLY ANGLE WITH METAL BOX w/NPT	Angle	Size	Part #	Notes
	70°	1/2"	<b>714C7N05</b>	
	70°	3/4"	<b>714C7N07</b>	
	70°	1"	<b>714C7N10</b>	* Interior volume with receptacle installed.
	70°	1 1/4"	<b>714C7N12</b>	
	70°	1 1/2"	<b>714C7N15</b>	


METAL BOX w/NPT	Angle	Size	Part #
	0°	1"	<b>7T4F0N10</b>
	0°	1 1/4"	<b>7T4F0N12</b>
	0°	1 1/2"	<b>7T4F0N15</b>
	0°	2"	<b>7T4F0N20</b>


POLY ANGLE WITH METAL BOX w/NPT	Angle	Size	Part #	Notes
	30°	1"	<b>714C3N10</b>	For metal angle, replace "71" prefix with "79".
	30°	1 1/4"	<b>714C3N12</b>	
	30°	1 1/2"	<b>714C3N15</b>	* Interior volume with receptacle installed.
	30°	2"	<b>714C3N20</b>	


\* 61.0 in<sup>3</sup> Poly Angle  
\* 59.9 in<sup>3</sup> Metal Angle


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

**MISCELLANEOUS ACCESSORIES**

FINGER DRAWPLATES	Part #	Notes
	<b>31-6A346</b>	Set of Two (2) Recommended for cord to cord assembly applications, for easier connector closure.

PROTECTIVE INLET/PLUG CAP	Part #	Notes
	<b>31-6A426</b>	For Inlets/Plugs Only.

PADLOCKABLE INLET/PLUG CAP	Part #	Notes
	<b>DS6MC</b>	Aluminum – For Inlets/Plugs Only. -A155 suffix required to maintain water ingress protection.

SPRING-LOADED PADLOCKABLE INLET/PLUG CAP	Part #	Notes
	<b>31-6A226</b>	For Poly Inlets/Plugs Only.
	<b>39-6A226</b>	For Metal Inlets/Plugs Only.

-A155 suffix required to maintain water ingress protection.

EASY RETROFIT ADAPTER PLATES	Part #	Notes
	see pg 164	Mount to existing boxes.

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

MULTIPIN

# DR7c Multipin Plugs & Receptacles – 50 A

## UL/CSA Ratings

- **Voltage**  
50 VAC or 600 VAC Max/130 VDC+  
+ For DC order 600V model
- **Amperage Rating**  
50 A Non-Current Interrupting
- **Temperature Range**  
Min -40°F/Max 140°F  
See pg 258 for temps below -15°F.
- **Environmental Ratings**  
IP54/IP55
- **Wiring Capacity**  
Min 14 AWG Max 8 AWG
- **Certifications**  
Contact Customer Service

For DR7c dimensions, see pgs 99-100.

## Receptacle (female)



## Inlet (male)



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

## North American Configurations

Voltage	Polarity	Part #		Part #	
		Poly	Metal	Poly	Metal
50V	4P	31-34940	39-34940	31-38940	39-38940
50V	5P	31-34950	39-34950	31-38950	39-38950
50V	6P	31-34960	39-34960	31-38960	39-38960
50V	7P	31-34970	39-34970	31-38970	39-38970
600V	3P+G	31-34931	39-34931	31-38931	39-38931
600V	4P+G	31-34941	39-34941	31-38941	39-38941
600V	5P+G	31-34951	39-34951	31-38951	39-38951
600V	6P+G	31-34961	39-34961	31-38961	39-38961

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**



**Self-Ejecting Devices**

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

## Receptacle Options

## Suffix #

## Inlet Options

## Suffix #

With 2 Auxiliary/Pilot Contacts

**Recept # - 172**

With 2 Auxiliary/Pilot Contacts

**Inlet # - 172**

With 3 Auxiliary/Pilot Contacts

**Recept # - 173**

With 3 Auxiliary/Pilot Contacts

**Inlet # - 173**

Type 4X & Closed Lid Configuration

**Recept # - 4X**

Type 4X Watertightness

**Inlet # - 4X**

Straight Insertion

**Recept # - 352**

With No Lockout Hole

**Inlet # - A155**

Mushroom Pawl

**Recept # - 375**

Padlock Pawl

**Recept # - 843**

Padlockable Mushroom Pawl

**Recept # - 375-843**

Screw-Type Locking Pawl

**Recept # - 845**

Metal Pawl (on poly receptacle)

**Recept # - 824**

Closed Lid Configuration

**Recept # - NC**

**!** See pages 235-244 for detailed information on these options



**Order Example: 50V DR7c + mushroom pawl**

DR7c Poly receptacle 4P = 31-34940-375

# INSTALLATION ACCESSORIES – SIZE 4


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


**HANDLES**


HANDLE w/NPT		Part # Poly	Part # Metal
	1/2"	514P0N05	594P0N05
	3/4"	514P0N07	594P0N07
	1"	514P0N10	594P0N10
	1 1/4"	514P0N12	594P0N12
	1 1/2"	514P0N15	594P0N15

For metal devices only

For available cord grips, see page 167.


POLY HANDLE w/CORD GRIP	Cable Range	Part #
	.680 - .980"	714P0DP4
	.980 - 1.260"	714P0EP4
	1.260 - 1.560"	714P0FP1

METAL HANDLE w/CORD GRIP	Cable Range	Part #
	.750 - .875"	794P0DS1
	.875 - 1.000"	794P0DS3
	1.000 - 1.125"	794P0ES2
	1.250 - 1.375"	794P0FS1
	1.438 - 1.562"	794P0FS2*
	1.562 - 1.688"	794P0FS3*

POLY HANDLE	Cable Range	Part #
	.51 - 1.38"	514P0D35


POLY HANDLE w/BUILT IN DRAW GRIPS	Cable Range	Part #
	.51 - 1.38"	514P0D35473

Makes connector closures easier.

POLY HANDLE w/CLAMP & BUSHING	Cable Range	Part #
	1.250 - 1.375"	714P0S22
	1.438 - 1.562"	714P0S25
	1.562 - 1.688"	714P0S27
	1.688 - 1.812"	714P0S29


**ANGLES**

POLY ANGLE		Part #	Notes
	30°	514M3	
	70°	514M7	Panel mounting only.

METAL ANGLE		Part #
	0°	594M0
	30°	594M3
	30°	794M3L

ANGLE	Part #	Notes
Oversized 30°	794M3	Mounts on oversize box only. Order with 715FDNxx. See pg 50.
70°	594M7	


**BOXES**

POLY CONDUIT ENTRY w/NPT		Part #	Notes
	30°	1/2"	514B3N05
	30°	3/4"	514B3N07
	30°	1"	514B3N10
	30°	1 1/4"	514B3N12


\* 28.1 in<sup>3</sup>

For poly devices only

\* Interior volume with receptacle installed.

POLY WALL BOX w/ANGLE		Part #	Notes
	70°	514C7000	70° poly boxes are not drilled. Contact Customer Service if factory drilled is required.
	Ground Bar	51AA089	* Interior volume with receptacle installed.


\* 181.24 in<sup>3</sup>

POLY ANGLE WITH METAL BOX w/NPT		Part #	Notes
	70°	1/2"	714C7N05
	70°	3/4"	714C7N07
	70°	1"	714C7N10
	70°	1 1/4"	714C7N12
	70°	1 1/2"	714C7N15

\* 177.7 in<sup>3</sup>

\* Interior volume with receptacle installed.

METAL BOX w/NPT		Part #	
	0°	1"	7T4F0N10
	0°	1 1/4"	7T4F0N12
	0°	1 1/2"	7T4F0N15
	0°	2"	7T4F0N20

POLY ANGLE WITH METAL BOX w/NPT		Part #	Notes
	30°	1"	714C3N10
	30°	1 1/4"	714C3N12
	30°	1 1/2"	714C3N15
	30°	2"	714C3N20

\* 61.0 in<sup>3</sup> Poly Angle


\* 59.9 in<sup>3</sup> Metal Angle

For metal angle, replace "71" prefix with "79".

\* Interior volume with receptacle installed.


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

**MISCELLANEOUS ACCESSORIES**


FINGER DRAWPLATES		Part #	Notes
	Set of Two (2)	31-6A346	Recommended for cord to cord assembly applications, for easier connector closure.

PROTECTIVE INLET/PLUG CAP		Part #	Notes
	For Inlets/Plugs Only.	31-6A426	

PADLOCKABLE INLET/PLUG CAP		Part #	Notes
	Aluminum – For Inlets/Plugs Only.	DS6MC	-A155 suffix required to maintain water ingress protection.

SPRING-LOADED PADLOCKABLE INLET/PLUG CAP		Part #	Notes
	For Poly Inlets/Plugs Only.	31-6A226	-A155 suffix required to maintain water ingress protection.
	For Metal Inlets/Plugs Only.	39-6A226	

EASY RETROFIT ADAPTER PLATES		Part #	Notes
	Mount to existing boxes.	see pg 164	

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