

# DS7c Multipin Plugs & Receptacles – 30A

## Ratings

- **Voltage**  
50 VAC or 600 VAC Max/130 VDC\*  
\* For DC order 600V model
- **Amperage Rating**  
30A Current Interrupting
- **Temperature Range**  
Min -40°F/Max 140°F  
See pg 253 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 54-55

## 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>		
Locking Mushroom Pawl	<b>Recept # - 845</b>		
Metal Pawl (on poly receptacle)	<b>Recept # - 824</b>		
Closed Lid Configuration	<b>Recept # - NC</b>		

**!** See pages 230-239 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
 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

HANDLE w/CORD GRIP Cable Range	Poly	Metal
 1.270 - 1.470"	714P0EP3	-
 1.250 - 1.375"	-	794P0ES4
 1.438 - 1.562"	-	794P0FS2
 1.562 - 1.688"	-	794P0FS3

For metal devices only

NYLON HANDLE w/Cable Range		
 .51 - 1.38"	514P0D35	


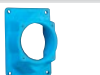

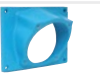
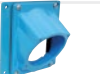

POLY HANDLE W/CLAMP & BUSHING w/Cable Range		
 1.250 - 1.375"	714P0S22	
 1.438 - 1.562"	714P0S25	
 1.562 - 1.688"	714P0S27	
 1.688 - 1.812"	714P0S29	

POLY HANDLE W/BUILT IN DRAW GRIPS w/Cable Range		
 .51 - 1.38"	514P0D35473	Makes connector closures easier.





For available cord grips, see pg 178.



For a guideline of NPT based cable ranges, see DS60 on pg 45.





**ANGLES**



NYLON ANGLE		
 30°	514M3	
METAL ANGLE		
 0°	594M0	
 30°	594M3	
 30°	794M3L	
 Oversized 30°	794M3	Mounts on oversize box only. Order with 715FDNxx. See pg 49.
 70°	594M7	





**BOXES**

POLY CONDUIT ENTRY w/NPT			
 30°	1/2"	514B3N05	For poly devices only
 30°	3/4"	514B3N07	
 30°	1"	514B3N10	* Interior volume with receptacle installed.
 * 28.1 in <sup>3</sup>	1 1/4"	514B3N12	

POLY WALL BOX w/NPT			
 70°	1/2" - 2"	514C7000	70° poly boxes are not drilled. Contact customer service if factory drilled is required.
 * 184.0 in <sup>3</sup>			* Interior volume with receptacle installed.


POLY ANGLE WITH ALUMINUM WALL BOX w/NPT			
 70°	1/2"	714C7N05	* Interior volume with receptacle installed.
 70°	3/4"	714C7N07	
 70°	1"	714C7N10	
 * 170.0 in <sup>3</sup>	1 1/4"	714C7N12	
 70°	1 1/2"	714C7N15	

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


METAL BOX WITH NYLON ANGLE w/NPT			
 30°	1"	714C3N10	For metal angle, replace "71" prefix with "79".
 30°	1 1/4"	714C3N12	
 * 61.0 in <sup>3</sup> Nylon Angle	1 1/2"	714C3N15	* Interior volume with receptacle installed.
 * 59.9 in <sup>3</sup> Metal Angle	2"	714C3N20	

NPT on top or bottom (if rotated). For other NPT configurations, contact customer service.

**MISCELLANEOUS ACCESSORIES**

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

PROTECTIVE CAP		
 31-6A426	For Male Devices Only.	

PADLOCKABLE PLUG CAP		
 DS6MC	For watertight seal, the male inlet must also be ordered with the 'No Lockout Hole' option (-A155). Aluminum – For Male Devices Only.	

INLET SPRING-LOADED CAP		
 31-6A226		

EASY RETROFIT ADAPTER PLATES		
 see pg 175	Mount to existing boxes.	

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

# DR7c Multipin Plugs & Receptacles – 50A

## Ratings

- Voltage**  
 50 VAC or 600 VAC Max/130 VDC\*  
 + For DC order 600V model
- Amperage Rating**  
 50A Non-Current Interrupting
- Temperature Range**  
 Min -40°F / Max 140°F  
 See pg 253 for temps below -15°F.
- Environmental Ratings** IP54/  
 IP55
- Wiring Capacity**  
 Min 14 AWG Max 8 AWG
- Certifications**  
 Contact Customer Service

For DRc dimensions, see pgs 112-113

## 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

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## 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>		
Locking Mushroom Pawl	<b>Recept # - 845</b>		
Metal Pawl (on poly receptacle)	<b>Recept # - 824</b>		
Closed Lid Configuration	<b>Recept # - NC</b>		

**!** See pages 230-239 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

HANDLE w/CORD GRIP	Cable Range	Poly	Metal
 1.270 - 1.470"	714P0EP3	-	-
 1.250 - 1.375"	-	-	794P0ES4
 1.438 - 1.652"	-	-	794P0FS2
 1.562 - 1.688"	-	-	794P0FS3

For metal devices only

NYLON HANDLE w/Cable Range		
 .51 - 1.38"	514P0D35	






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

POLY HANDLE W/BUILT IN DRAW GRIPS w/Cable Range		
 .51 - 1.38"	514P0D35473	Makes connector closures easier.





For available cord grips, see pg 178.

For a guideline of NPT based cable ranges, see DS60 on pg 45.

## ANGLES

NYLON ANGLE		
 30°	514M3	
METAL ANGLE		
 0°	594M0	
 30°	594M3	
 30°	794M3L	
 Oversized 30°	794M3	Mounts on oversize box only. Order with 715FDNxx. See pg 49.
 70°	594M7	

## BOXES

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

For poly devices only






\* Interior volume with receptacle installed.

POLY WALL BOX w/NPT			Part #
 70°	1/2" - 2"		514C7000

\* 184.0 in<sup>3</sup>

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





\* Interior volume with receptacle installed.

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

\* 170.0 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

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







\* 61.0 in<sup>3</sup> Nylon 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		
 31-6A346	Set of Two (2) Recommended for cord to cord assembly applications, for easier connector closure.	
PROTECTIVE CAP		
 31-6A426	For Male Devices Only.	
PADLOCKABLE PLUG CAP		
 DS6MC	Aluminum – For Male Devices Only.	
INLET SPRING-LOADED CAP		
 31-6A226		
EASY RETROFIT ADAPTER PLATES		
 see pg 175	Mount to existing boxes.	
RECEPTACLE LOCKING PIN		
 LP-843	Requires Padlockable Pawl option (-843) on receptacle.	