

### Ratings

- Voltage**  
50 VAC or 600 VAC Max/130 VDC+  
+ For DC order 600V model.
- Amperage Rating**  
30 A Current Interrupting (AC Only)
- Temperature Range**  
Min -40°F/Max 140°F  
See pg 254 for temperatures outside of this range.
- Environmental Ratings**  
IP66/IP67/IP69/IP69K
- Wiring Capacity**  
Based on THHN wire sizes.  
Min 14 AWG Max 8 AWG  
Aux Contacts - 8 AWG
- Certifications**  
NOM  
See pg 55-56 for DS7c dimensions.

### 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
50 V	4P	33-34540	37-34540	33-38540	37-38540
50 V	5P	33-34550	37-34550	33-38550	37-38550
50 V	6P	33-34560	37-34560	33-38560	37-38560
50 V	7P	33-34570	37-34570	33-38570	37-38570
600 V	3P+G	33-34531	37-34531	33-38531	37-38531
600 V	4P+G	33-34541	37-34541	33-38541	37-38541
600 V	5P+G	33-34551	37-34551	33-38551	37-38551
600 V	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>
Straight Insertion	<b>Recept # -352<sup>2</sup></b>	Self-Ejecting Plug Release**	<b>Inlet # -338</b>
Self-Ejecting Connector Release**	<b>Recept # -354<sup>2</sup></b>	Without Lockout Hole	<b>Inlet # -A155</b>
Mushroom Pawl	<b>Recept # -375</b>		
Padlock Pawl	<b>Recept # -843</b>		
Screw-Type Locking Pawl	<b>Recept # -845</b>		
Metal Pawl (on poly receptacle)	<b>Recept # -824</b>		
Self-Returning Lid (Manual Close)	<b>Recept # -NC</b>		

**Notes:**  
\*\* For self-ejecting connectors and plugs, a 443 suffix must be added to the handle part number. See pages 233-234 for more information.  
<sup>2</sup> This option includes the Self-Returning Lid.

**Order Example: 50 V DS7c + mushroom pawl**  
DS7c Poly receptacle 4P = 33-34540-**375**



## INSTALLATION ACCESSORIES – SIZE 4

When properly installed, all accessories meet or exceed the environmental ratings of the devices they are mounted to; unless otherwise noted.

### HANDLES

HANDLE WITH NPT	PART # POLY	PART # METAL
Poly 1/2"	514P0N05	594P0N05
Poly 3/4"	514P0N07	594P0N07
Poly 1"	514P0N10	594P0N10
Metal 1 1/4"	514P0N12	594P0N12
Metal 1 1/2"	514P0N15	594P0N15

For available cord grips, see pg 159.

POLY HANDLE WITH CORD GRIP	CABLE RANGE	PART #
.680-.980"		714P0DP4
.980-1.260"		714P0EP4
1.260-1.560"		714P0FP1

METAL HANDLE WITH CORD GRIP	CABLE RANGE	PART #
.770-.850"		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*

\*May require stripping of cable jacket.

POLY HANDLE	CABLE RANGE	PART #
.511-1.377"		514PD35

POLY HANDLE WITH BUILT IN DRAWPLATES	CABLE RANGE	PART #
.511-1.377"		514PD35473

Makes connector closures easier.

SANTOPRENE HANDLE	CABLE RANGE	PART #
.551-.787"		554PD020L
.708-.984"		554PD025L
.984-1.377"		554PD035L
1.377-1.771"		554PD045L
1.771-1.929"		554PD049L

### ANGLES

POLY ANGLE	ANGLE	PART #	ANGLE	PART #
	30°	514M3		70° 514M7
	0°	594M0		
	30°	594M3		
	30°	794M3L		
	Oversized 30°	794M3		
				Mounts on oversize box only. Order with 715F0Nxx. See pg 50.
	70°	594M7		

### BOXES

POLY CONDUIT ENTRY WITH NPT	ANGLE	SIZE	PART #	Notes
	30°	1/2"	514B3N05	For poly devices only.
	30°	3/4"	514B3N07	
	30°	1"	514B3N10	* Interior volume with receptacle installed.
	30°	1 1/4"	514B3N12	

POLY WALL BOX WITH ANGLE	ANGLE	PART #	Notes
	70°	514C7000	70° poly boxes are not drilled.

POLY ANGLE WITH METAL BOX WITH NPT	ANGLE	SIZE	PART #	Notes
	70°	1/2"	714C7N05	
	70°	3/4"	714C7N07	
	70°	1"	714C7N10	* Interior volume with receptacle installed.
	70°	1 1/4"	714C7N12	
	70°	1 1/2"	714C7N15	

METAL BOX WITH NPT	ANGLE	SIZE	PART #
	0°	1"	7T4F0N10
	0°	1 1/4"	7T4F0N12
	0°	1 1/2"	7T4F0N15
	0°	2"	7T4F0N20

POLY ANGLE WITH METAL BOX WITH NPT	ANGLE	SIZE	PART #	Notes
	30°	1"	714C3N10	For metal angle, replace "71" prefix with "79".
	30°	1 1/4"	714C3N12	
	30°	1 1/2"	714C3N15	* Interior volume with receptacle installed.
	30°	2"	714C3N20	

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

### MISCELLANEOUS ACCESSORIES

	<b>31-6A346</b>	Set of Two (2) Recommended for all assembly applications, for easier connector closure.
	<b>61-6A426</b>	For Inlets/Plugs Only.
	<b>DS6MC</b>	Aluminum - For Inlets/Plugs Only. -A155 suffix required on inlet part # to retain water ingress protection.
	<b>31-6A226</b>	For Poly Inlets/Plugs Only.
	<b>39-6A226</b>	For Metal Inlets/Plugs Only.
	<b>see pg 240</b>	Mount to existing boxes.
	<b>LP-843</b>	Requires Padlockable Pawl option (-843) on receptacle.

# DR7c Multipin - 50 A

DR7c

## 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 254 for temperatures outside of this range.
- **Environmental Ratings**  
IP66/IP67/IP69/IP69K
- **Wiring Capacity**  
Based on THHN wire sizes.  
Min 14 AWG Max 8 AWG  
Aux Contacts - 8 AWG
- **Certifications**  
NOM

For DR7c dimensions, see pgs 103-104.

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

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
Straight Insertion	Recept # -352 <sup>2</sup>	Without Lockout Hole	Inlet # -A155
Mushroom Pawl	Recept # -375		
Padlock Pawl	Recept # -843		
Screw-Type Locking Pawl	Recept # -845		
Metal Pawl (on poly receptacle)	Recept # -824		
Self-Returning Lid (Manual Close)	Recept # -NC		

**Notes:** <sup>2</sup> This option includes the Self-Returning Lid.

**Order Example: 50 V DR7c + mushroom pawl**  
DR7c Poly receptacle 4P = 31-34940-375

See pages 231-240 for detailed information on these options



Handle Option Guide  
pgs 237-238

## INSTALLATION ACCESSORIES – SIZE 4

When properly installed, all accessories meet or exceed the environmental ratings of the devices they are mounted to; unless otherwise noted.

### HANDLES

HANDLE WITH 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 available cord grips, see pg 159.

POLY HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	.680-.980"	714P0DP4
	.980-1.260"	714P0EP4
	1.260-1.560"	714P0FP1

### METAL HANDLE WITH CORD GRIP

	.770-.850"	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*

\*May require stripping of cable jacket.

### POLY HANDLE

	.511-1.377"	514P0D35
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### POLY HANDLE WITH BUILT IN DRAWPLATES

	.511-1.377"	514P0D35473
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Makes connector closures easier.

### SANTOPRENE HANDLE

	.551-.787"	554P0D20L
	.708-.984"	554P0D25L
	.984-1.377"	554P0D35L
	1.377-1.771"	554P0D45L
	1.771-1.929"	554P0D49L

### ANGLES

#### POLY ANGLE

30°	514M3	70°	514M7
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#### METAL ANGLE

0°	594M0
30°	594M3
30°	794M3L
Oversized 30°	794M3
70°	594M7

Mounts on oversize box only. Order with 715F0N0xx. See pg 50.

### BOXES

POLY CONDUIT ENTRY WITH NPT	PART #
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 WITH ANGLE

70°	514C7000	70° poly boxes are not drilled.
		* Interior volume with receptacle installed.
	Ground Bar	51-AA089

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

#### POLY ANGLE WITH METAL BOX WITH NPT

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 WITH NPT

0° 1"	7T4F0N10
0° 1 1/4"	7T4F0N12
0° 1 1/2"	7T4F0N15
0° 2"	7T4F0N20

#### POLY ANGLE WITH METAL BOX WITH NPT

30° 1"	714C3N10	For metal angle, replace "71" prefix with "79".
30° 1 1/4"	714C3N12	
30° 1 1/2"	714C3N15	* Interior volume with receptacle installed.
30° 2"	714C3N20	

\* 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 configurations contact Customer Service.

### MISCELLANEOUS ACCESSORIES

#### FINGER DRAWPLATES

	31-6A346	Set of Two (2) Recommended for all assembly applications, for easier connector closure.
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#### PROTECTIVE INLET/PLUG CAP

	31-6A426	For Inlets/Plugs Only.
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#### PADLOCKABLE INLET/PLUG CAP

	DS6MC	Aluminum - For Inlets/Plugs Only. -A155 suffix required on inlet part # to retain water ingress protection.
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#### SPRING-LOADED PADLOCKABLE INLET/PLUG CAP

	31-6A226	For Poly Inlets/Plugs Only.
	39-6A226	For Metal Inlets/Plugs Only.

In order to achieve max water ingress protection of Type 3R/IP55, spring loaded caps should be ordered with inlets equipped with -A155 suffix.

#### EASY RETROFIT ADAPTER PLATES

	see pg 240	Mount to existing boxes.
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#### RECEPTACLE LOCKING PIN

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