DS7c Multipin - 30 A

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 # POLY	PART # METAL	PART # POLY	PART # 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 or contact Customer Service at 800-433-7642.

Main Options

Mushroom Pawl

5/16" hole

Padlock Pawl

Self-Ejecting Devices
Requires straight insertion receptacle or inlet and self- ejecting plug or connector.

RECEPTACLE OPTIONS	SUFFIX #
With 2 Auxiliary/Pilot Contacts	**Recept # -172**
With 3 Auxiliary/Pilot Contacts	**Recept # -173**
Straight Insertion	**Recept # -352**[2]
Self-Ejecting Connector Release**	**Recept # -354**[2]
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**

INLET OPTIONS	SUFFIX #
With 2 Auxiliary/Pilot Contacts	**Inlet # -172**
With 3 Auxiliary/Pilot Contacts	**Inlet # -173**
Self-Ejecting Plug Release**	**Inlet # -338**
Without Lockout Hole	**Inlet # -A155**

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.

[2] This option includes the Self-Returning Lid.

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

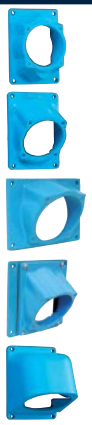
POLY HANDLE WITH BUILT IN DRAWPLATES		
	.511-1.377"	**514P0D35473**

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**



METAL ANGLE		
0°	**594M0**	
30°	**594M3**	
30°	**794M3L**	
Oversized 30°	**794M3**	Mounts on oversize box only. Order with 7T5F0Nxx. See pg 50.
70°	**594M7**	

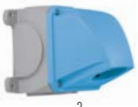
BOXES

* 28.1 in^3

POLY CONDUIT ENTRY WITH NPT		PART #	
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**	

* 181.24 in^3

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



* 177.7 in^3

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

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

* 61.0 in^3 Poly Angle
* 59.9 in^3 Metal Angle

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

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.

PROTECTIVE INLET/PLUG CAP	
61-6A426	For Inlets/Plugs Only.

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

SPRING-LOADED PADLOCKABLE INLET/PLUG CAP		
31-6A226	For Poly 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.
39-6A226	For Metal Inlets/Plugs Only.	

EASY RETROFIT ADAPTER PLATES	
see pg 240	Mount to existing boxes.

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

DR7c Multipin - 50 A

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 # POLY	PART # METAL	PART # POLY	PART # 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 or contact Customer Service at 800-433-7642.

Main Options

Mushroom Pawl

5/16" hole

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**[2]	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: [2] This option includes the Self-Returning Lid.

! See pages 231-240 for detailed information on these options

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

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

POLY HANDLE WITH BUILT IN DRAWPLATES		
	.511-1.377"	514P0D35473

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

METAL ANGLE			
	0°	594M0	
	30°	594M3	
	30°	794M3L	
	Oversized 30°	794M3	Mounts on oversize box only. Order with 7T5F0Nxx. See pg 50.
	70°	594M7	

BOXES

* 28.1 in³

POLY CONDUIT ENTRY WITH 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.

* 181.24 in³

POLY WALL BOX WITH ANGLE		
70°		514C7000
	Ground Bar	51-AA089

70° poly boxes are not drilled.

* Interior volume with receptacle installed.

* 177.7 in³

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

* 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

* 61.0 in³ Poly Angle
* 59.9 in³ Metal Angle

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

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

* Interior volume with receptacle installed.

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.

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

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

SPRING-LOADED PADLOCKABLE INLET/PLUG CAP		
31-6A226	For Poly 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.
39-6A226	For Metal Inlets/Plugs Only.	

EASY RETROFIT ADAPTER PLATES		
	see pg 240	Mount to existing boxes.

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