

PN12c



# PN12c Multipin – 7.5A Plugs & Receptacles

## Ratings

- **Voltage**  
600 VAC Max/130 VDC
- **Amperage Rating**  
5A Current Interrupting  
7.5A Non-Current Interrupting  
! PN12c is capable of handling  
4-20mA low current applications
- **Environmental Ratings**  
IP66+IP67
- **Temperature Range**  
Min -40°F / Max 140°F  
See pg 220 for temps below -15°F.
- **Wiring Capacity**  
Min 18 AWG Max 14 AWG
- **Listings**  
CE\*  
\* Contact Customer Service

For PN12c dimensions, see pgs 165-166

## Receptacle (female)



Don't forget to  
add installation  
accessories to  
your order



Voltage	Polarity	Part #	
		Poly	Metal
600V	11P+G	03-A4001	07-A4001

## Inlet (male)



Voltage	Polarity	Part #	
		Poly	Metal
600V	11P+G	03-A8001	07-A8001

## Simple Assembly and Disassembly

DSN37c shown



### Assembly

To insert contacts when they have been wired is simple. Push wired contact into rear of insulator until it stops to complete the installation.



### Disassembly

To remove, use the tool provided. Push tool from front onto contact until tool stops. Contact is then released at rear of insulator.

## New Feature

- **Crimped Contacts**  
PN12c devices now feature contacts that can be crimped or soldered. Each device is supplied with 13 contacts so that the product can be set up to suit application needs.

## Main Options



Reverse  
Interiors



Flush Mount



Locking Pawl



See pgs 197-206 for detailed  
information on these options

### Receptacle Options

### Part #

Reverse Interiors	Recept # - 001
With Flush Mount (poly only)	Recept # - 142
Locking Pawl	Recept # - 824-300

### Inlet Options

### Part #

Reverse Interiors	Inlet # - 001
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### PN12c Order Example:

To order a device with a reverse interior add **-001** to the inlet and receptacle part numbers.

PN12c Receptacle 5P+G 03-A4001-**001**

PN12c Inlet 5P+G 03-A8001-**001**

Appropriate accessory part numbers must also be included on the order.

# Installation Accessories

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

## Handles



NPT	Poly Handle Threaded Opening	Metal Handle* Threaded Opening	90° Nylon Handle Threaded Opening
1/2"	01-NA013-12	H091U12	04-2A090-5-12
3/4"	01-NA013-34	H091U34	04-2A090-5-34
1"	01-NA013-1	H091U1	04-2A090-5-10

Cable Range	Nylon Handle w/Clamp & Bushing	Angled Nylon Handle w/Clamp & Bushing
.35 - .70	01-NA013	01-NA313

- Notes:**
- For available cord grips, see pgs 193-194.
  - \* For metal devices only

## NPT Guidelines

Cable Range	NPT
.062 - .5	1/2"
.187 - .75	3/4"
.437 - 1.10	1"
.750 - 1.375	1 1/4"

NPT sizes are determined by the cable diameter and third party cord grip.

## Junction Boxes



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



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



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



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



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



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

NPT	Metal Box	Metal Box Nylon Angle 30°	Metal Box Metal Angle 45°	Poly Conduit* Entry	Poly Straight* Wall Box	Metal Straight Wall Box	Poly 70°** Wall Box
1/2"	MB312	01-NA053-080-12	09-NA053-080-12	01-NA023-12	01-NA025-12	09-NA025-12	51-AA058
3/4"	MB334	01-NA053-080-34	09-NA053-080-34	01-NA023-34	01-NA025-34	09-NA025-34	51-AA058
1"	MB31	01-NA053-080-1	09-NA053-080-1	-	-	-	51-AA058
1 1/4"	MB3114	01-NA053-080-114	09-NA053-080-114	-	-	-	51-AA058

\* For poly devices only

\*\* 70° boxes are not drilled. Contact customer service if factory drilling is required.

\* Interior volume with receptacle installed.

## Angles



Nylon 30° Angle	Nylon 30° Angle for MB Box	Metal 45° Angle	Metal Straight Adapter	Metal 30° Angle for FS Box
01-NA027	01-NA027-601	09-NA027	MSPN	MAFS1*

\* MAFS1 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.

## Miscellaneous Accessories



For Male  
Devices Only



Protective Cap	Flush Mount	Cord Grip with Mesh	Multi-Contact Removal Tool	Crimper Tool (Greenlee or equal)	European Crimping Tool
01-NA126	01-2A142	see pgs 193-194	9-LD12-37	4CN30	61-CA500

## Order Example

A typical order should include an inlet part number, a receptacle part number **AND** the matching handles, angles or other required accessories.



Male Inlet with Handle (Plug)  
07-A8001 + 01-NA313



Female Receptacle with Angle Adapter  
07-A4001 + 01-NA027

PN12c



# PN12c Multipin – 7.5A

## Stainless Steel Plugs & Receptacles

### Ratings

- **Voltage**  
600 VAC Max/130 VDC
- **Amperage Rating**  
5A Current Interrupting  
7.5A Non-Current Interrupting  
! PN12c is capable of handling  
4-20mA low current applications
- **Temperature Range**  
Min -40°F/Max 140°F
- **Wiring Capacity**  
Min 18 AWG Max 14 AWG

For PN12c SS dimensions, contact  
Customer Service

### Receptacle (female)



Don't forget to  
add installation  
accessories to  
your order

### Inlet (male)



Voltage	Polarity	Part # Stainless Steel
600V	11P+G	07-A4001-SS

Voltage	Polarity	Part # Stainless Steel
600V	11P+G	07-A8001-SS

### New Feature

- **Crimped Contacts**  
PN12c devices now feature  
contacts that can be crimped or  
soldered. Each device is supplied  
with 13 contacts so that the product  
can be set up to suit application needs.

### Simple Assembly and Disassembly

DSN37c shown



#### Assembly

To insert contacts when they have been wired is simple.  
Push wired contact into rear of insulator until it stops to  
complete the installation.



#### Disassembly

To remove, use the tool provided.  
Push tool from front onto contact until tool stops.  
Contact is then released at rear of insulator.

PN12c Stainless Steel Multipins are made of machined 304 Stainless Steel.



# Installation Accessories

## Handles



NPT	Stainless Steel Handle
1/2"	09-2A013-SS-12*
3/4"	09-2A013-SS-34

**Notes:** \* For 1/2" NPT size, a hole size reducer is utilized.

## Angles



Stainless Steel  
30° Angle

09-2A027-SS

## Junction Boxes



NPT	Stainless Steel Box with Stainless Steel Angle
3/4"	09-2A053-080-SS-34
1"	09-2A053-080-SS-1

**Notes:** • Includes angle adapter as shown.

## Miscellaneous Accessories



Multi-Contact Removal Tool	Crimper Tool (Greenlee or equal)	European Crimping Tool
9-LD12-37	4CN30	61-CA500

## NPT Guidelines

Cable Range	NPT
.312 - .625	1/2"
.438 - .812	3/4"
.660 - 1.000	1"
.875 - 1.375	1 1/4"
.890 - 1.812	1 1/2"
1.190 - 2.438	2"
2.062 - 2.438	2 1/2"

NPT sizes are determined by the cable diameter and third party cord grip.

## Order Example

A typical order should include an inlet part number, a receptacle part number **AND** the matching handles, angles or other required accessories.



**Male Inlet with Handle (Plug)**  
07-A8001-SS + 09-2A013-SS-34



**Female Receptacle with Angle Adapter**  
07-A4001-SS + 09-2A027-SS