

4 POSITION SPEC Pak[®]

Sealed Power For Environmental Connections



Marine | Wind Power | Lighting | Transportation | Pumps | Ground Support
Machine Tool | Industrial Automation | Motor | Solar Power | Harsh Environments



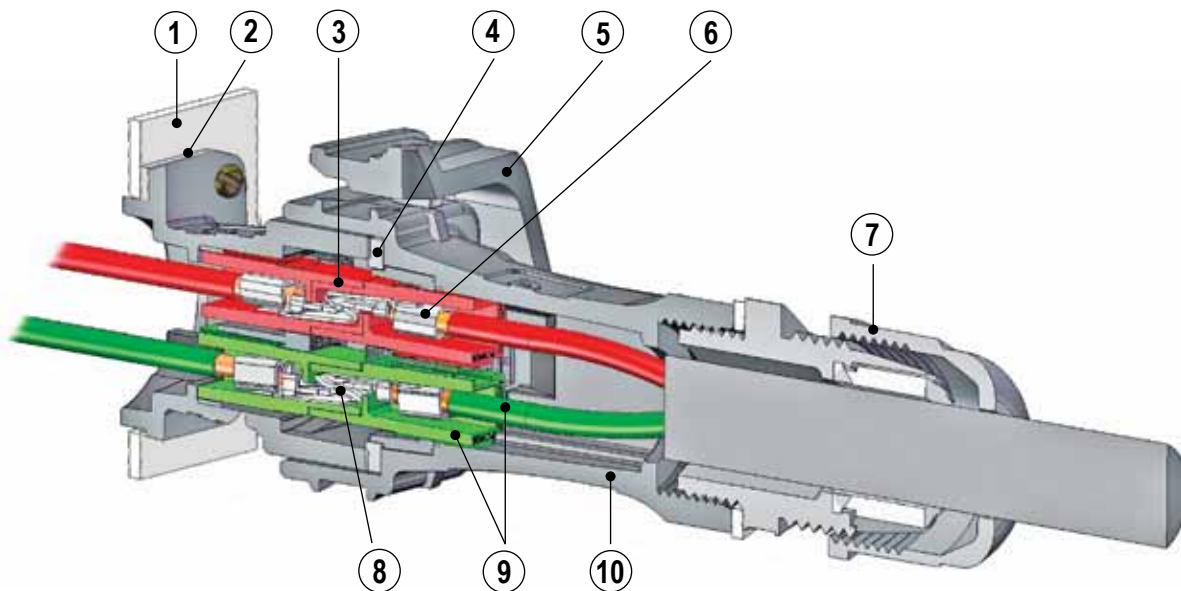
APP
Anderson Power Products

Rugged and Sealed (IP68) Plugs and Receptacles

For Use with APP® Powerpole® Signal, Power & Ground Contacts & Housings

APP®'s SPEC Pak® Connector Series uses rugged and environmentally sealed (IP68) shells to protect existing APP® Powerpole® contacts and housings. Customer configured SPEC Pak® Connectors may be used anywhere a rugged and waterproof high-power interconnect with signal and ground capabilities is required such as in; mass transportation, off-road vehicles, factory automation, oil and petrochemical exploration, agricultural equipment, and many more.

The core APP® Powerpole® technology within the SPEC Pak® is proven reliable and cost effective. The broad selection of touch safe, color-coded Powerpole® housings with power, signal and ground contacts accept a broad range of wire gauges, #24 to #10 AWG (0.25 to 4.0 mm²), giving users thousands of flexible design solutions in a single interconnect.



1 - Industry Standard Panel Cut Out
(Same as 26482 & 5015 shell size 20)

2 - IP68 Panel Mount Sealing Gasket

3 - Touch Safe Housings (UL1977, Section 10.2)

4 - IP68 Interfacial Sealing Gasket

5 - Latch (top or bottom of plug or receptacle)

6 - Power Contacts (up to 4) and / or **Signal Contacts** (up to 16)

7 - Uses Industry Standard Sealing Components
(PG gland compatible - size 16)

8 - First Mate / Last Break Ground Contacts

9 - Color Coded Housings Match Wire Colors

10 - UV & Chemical Resistant Ruggedized Shells

Specifications

SPEC Pak® Shell / Components

Electrical

| | |
|--------------------------------------|--------------|
| UL Voltage Rating (AC/DC) | 600 |
| Dielectric Withstanding Voltage (AC) | 3000 |
| Operating Temperature (°C) | -40° to 105° |
| (°F) | -40° to 221° |
| Flammability Rating of SPEC Shells | UL 94V-0 |

Mechanical

| | |
|---------------------------------|----------|
| Shells / Latch Mating Cycles | 1500 Min |
| Connect / Disconnect (lbf) | 12 Max |
| (N) | 53 Max |
| IP Rating | IP68 |
| UL50 Sec 36 Sealing Requirement | Pass |

Material

| | |
|----------------------------|---------------|
| Shells (Plug / Receptacle) | PBT |
| Latch | Nylon |
| Holder | Polycarbonate |

PPMX (4850 Series) Powerpole® Signal Contact

Ratings for SPEC Pak® Use

Electrical

| | |
|--------------------------------|--------------|
| UL Current Rating (Amperes) | 7 |
| Voltage Rating (AC/DC) | 300 |
| Contact Barrel Wire Size (AWG) | #20 to #24 |
| (mm ²) | 0.5 to 0.25 |
| Contact Retention Force (lbf) | 12.0 |
| (N) | 53.0 |
| Insertion Force (lbf) | 4.5 Max |
| (N) | 20.0 Max |
| Operating Temperature (°C) | -20° to 105° |
| (°F) | -4° to 221° |

Mechanical

| | |
|---------------|------|
| Mating Cycles | 1500 |
|---------------|------|

Material

| | |
|------------------|-----------------------|
| Housing Material | PBT |
| Contact Material | Copper Alloy |
| Contact Plating | Gold, 50 Micro-inches |

NOTE: PPMX Contacts, up to 4 per housing

Powerpole® Power (1327FP Series) & Ground Contact (1827 Series)

Ratings for SPEC Pak® Use

Electrical

| | |
|---|--------------|
| UL Current Rating (Amperes) | 15 to 40 |
| CSA (30°C Rise) (Amperes) | 10 to 26 |
| Voltage Rating (AC/DC) | 600 |
| Contact Barrel Wire Size (AWG) - Power | 20 to 10 |
| - Ground | 14 to 10 |
| (mm ²) - Power | 0.5 to 4.0 |
| - Ground | 1.5 to 4.0 |
| Average Contact Resistance (micro-ohms) | 600 |
| Contact Retention Force (lbf) | 25 |
| (N) | 111 |
| Operating Temperature (°C) | -20° to 105° |
| (°F) | -4° to 221° |
| Flammability Rating | UL94 V-0 |

Mechanical

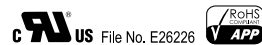
| | |
|--|---------------------------------|
| Mating Cycles | |
| No Load | |
| - Tin | 1,500 |
| - Silver | 10,000 |
| Under Load (Hot Plug 250 mating cycles @ 120V) * | 30A |
| (Hot Plug 250 mating cycles @ 72V) * | 45A |
| Mechanical Shock (50 g) | Mil Standard 202 213 Cond. A |
| Vibration (10 g) | Mil Standard 202 204 Cond. A |

Material

| | |
|-------------------------------------|------------------|
| Housing Material | Polycarbonate |
| Touch Safe (Power / Signal Housing) | UL1977 Sec. 10.2 |
| Contact Material | Copper |
| Contact Plating | Tin or Silver |

* Hot Plug testing completed with individual Powerpole® housings

NOTE: Agency approvals - TUV (contact customer service) / Patents

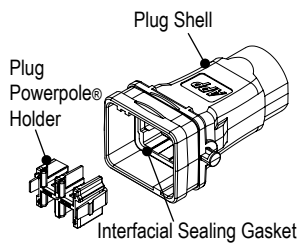


Part Number Configurator

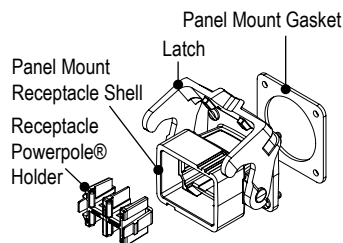
PART NUMBER PLAN

| SPEC Pak® Series (1 Fixed Character) | Shell Color (1 Character) | Shell Style (1 Character) | Dash | Shell Size (mm) (3 Characters) | Insert Arrangement (3 Characters) |
|---|------------------------------|--|----------|-----------------------------------|--|
| S | K | 2 | - | 050 | B04 |
| S = SPEC Pak® Series | K = Black | 1 = Inline Receptacle 2 = Panel Mount Receptacle 6 = Straight Plug | | 050 = 50 mm - 4 Pole Shell | B04 = PP15/45 Housing (any type), 4 Pole |

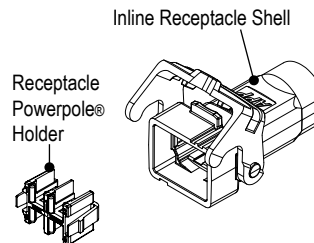
PLUG KIT



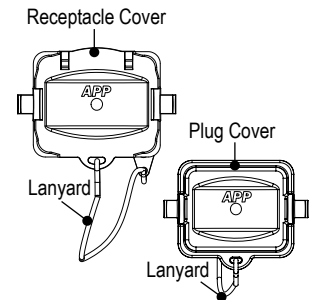
PANEL MOUNT RECEPTACLE KIT



INLINE RECEPTACLE KIT



IP68 SEALING COVER KIT



NOTE:

- Mounting hardware (4 each - M3 or #4 screws) not included
- Recommended torque for mounting hardware is 2½ to 4 in-lbf (0.28 to 0.45 Nm)

ORDERING INFORMATION

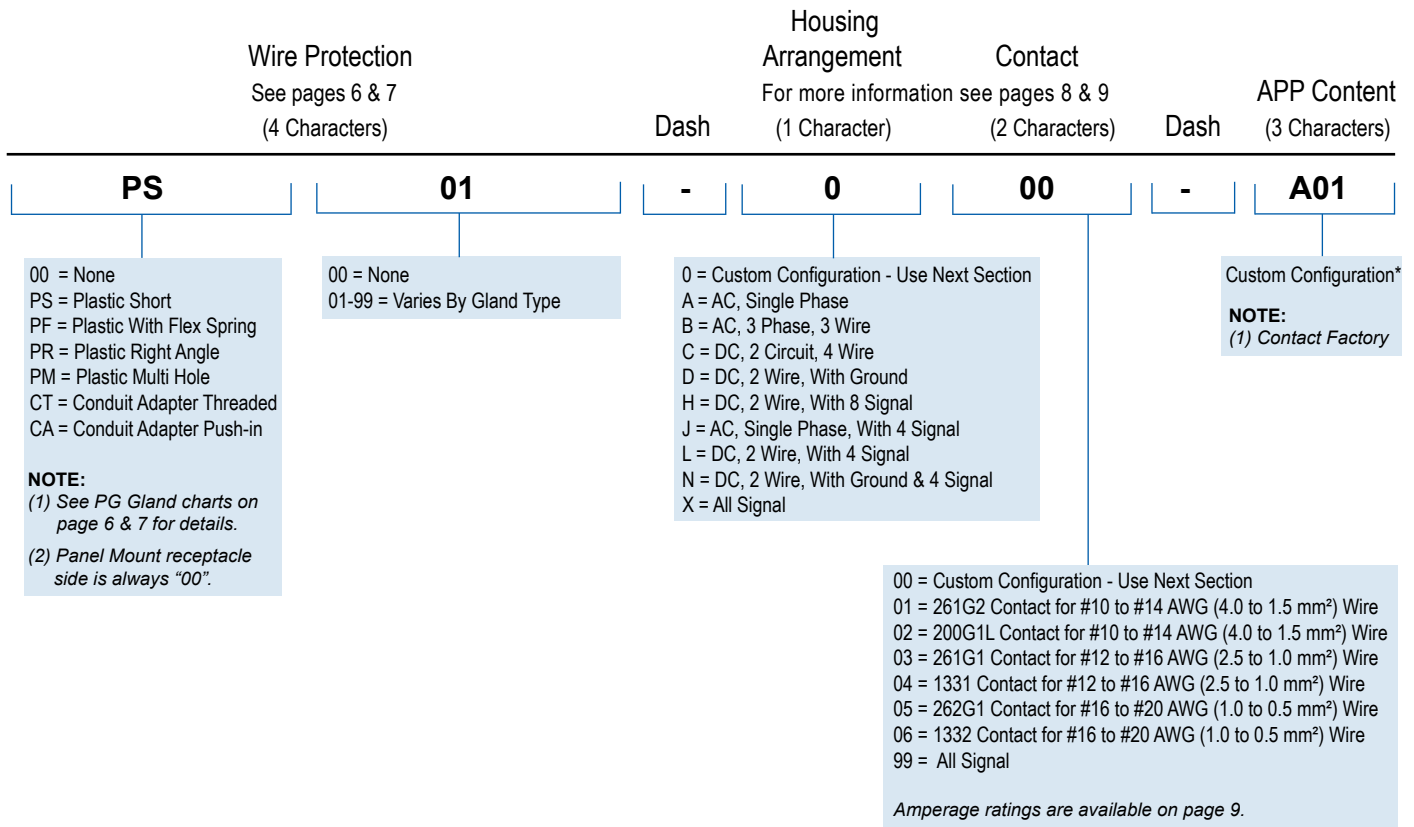
SPEC Pak® Kits

| Part Number | Description |
|-------------|--|
| SK6-050B04 | Plug kit - Plug shell (includes interfacial sealing gasket) - Powerpole® holder for plug |
| SK2-050B04 | Panel mount receptacle kit - Panel mount receptacle shell with latch - Powerpole® holder for receptacle - Panel mount gasket for receptacle |
| SK1-050B04 | Inline receptacle kit - Inline receptacle shell with latch - Powerpole® holder for receptacle |
| SK9P-050 | Cover kit for plug - Protective sealing (IP68) cover with lanyard |
| SK9R-050 | Cover kit for inline receptacle - Protective sealing (IP68) cover with lanyard |
| SK9-050 | Cover kit for panel mount receptacle - Protective sealing (IP68) cover with lanyard |

Component Replacement Parts

| Part Number | Description |
|-------------|-----------------------------------|
| 114805P1 | Panel mount gasket for receptacle |
| 2-8673P1 | 4 position latch |

PART NUMBER PLAN




Part Numbering Notes:

- 1) To order SPEC Pak® "Kits Only" (no internal Powerpole® housings or contacts), use part numbering on page 4 only. **Plug Kit Example: SK6-050B04** Powerpole® housings, contacts and wire protection may be ordered separately, see pages 6, 7 and 10 for information.
- 2) To order complete SPEC Pak® connectors kits (including internal Powerpole® housings and contacts) use Part Number Plan across the top of pages 4 and 5. **Standard SPEC Pak® Plug Configuration Example: SK6-050B04PS01-B01**
- 3) To order a custom configuration which is not listed on page 8 and 9, use APP® custom part number configurator on the APP® website, www.andersonpower.com or contact factory.

* Custom configuration may not be UL Recognized.

Wire Protection - PG Gland

SPECIFICATIONS

| Material (Push-in Conduit) | | Material (All Others) | | Torque Requirements | |
|----------------------------|---------------------------------|-----------------------|---------------------------------|--|--|
| Shell | Nylon PA | Shell | Nylon PA 66 (UL94 V-2)* | Cable Gland Body to Plug Housing | |
| Gasket | TPE | Gasket | EPDM | - Hand tighten until snug, tighten additional 1/8 - 1/4 turn with wrench | |
| Color* | Black | Color* | Black | Sealing Nut to Cable | |
| Mechanical | | Mechanical | | - Hand tighten until snug, tighten additional 1/2 - 3/4 turn with wrench | |
| Operating Temp | -30°C to 100°C (-22°F to 212°F) | Operating Temp | -40°C to 105°C (-40°F to 221°F) | | |
| IP Rating | IP68 | IP Rating | IP68 | | |
| Thread Type | PG | UV Rating | Equivalent to UL746C F1 | | |
| | | Thread Type | PG |  | |

* Contact factory for UL94 V-0 material

NOTE: Only UL listed cable glands are UL recognized components when used with SPEC Pak® connector(s).

STRAIGHT PLASTIC SHORT THREAD TYPE - STD PACK 50 / UL LISTED

| APP® P/N | Wire Protection Designation (4 Characters) | Cable Range Wire Outer Dia. mm (in) | Thread O.D. C1 mm (in) | Panel Mounting Hole mm (in) | Thread Length C2 mm (in) | Wrench Size | Wrench Size |
|------------|--|-------------------------------------|------------------------|-----------------------------|--------------------------|---------------|------------------|
| | | | | | | Lock Nut (mm) | Sealing Nut (mm) |
| PS1P16-10X | PS01 | 11.2 - 5.5 (0.44 - 0.22) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 10.0 (0.39) | 30 | 27 |
| PS1P16-14X | PS02 | 14.1 - 8.0 (0.56 - 0.31) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 10.0 (0.39) | 30 | 27 |

STRAIGHT PLASTIC WITH FLEX SPRING - STD PACK 50 / UL LISTED

| APP® P/N | Wire Protection Designation (4 Characters) | Cable Range Wire Outer Dia. mm (in) | Thread O.D. C1 mm (in) | Panel Mounting Hole mm (in) | Thread Length C2 mm (in) | Wrench Size | Wrench Size |
|------------|--|-------------------------------------|------------------------|-----------------------------|--------------------------|---------------|------------------|
| | | | | | | Lock Nut (mm) | Sealing Nut (mm) |
| PF1P16-10X | PF01 | 11.2 - 5.5 (0.44 - 0.22) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 11.0 (0.43) | 30 | 27 |
| PF1P16-13X | PF02 | 13.8 - 8.0 (0.54 - 0.31) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 11.0 (0.43) | 30 | 27 |

RIGHT ANGLE - STD PACK 50 / UL LISTED

| APP® P/N | Wire Protection Designation (4 Characters) | Cable Range Wire Outer Dia. mm (in) | Thread O.D. C1 mm (in) | Panel Mounting Hole mm (in) | Thread Length C2 mm (in) | Wrench Size | Wrench Size |
|------------|--|-------------------------------------|------------------------|-----------------------------|--------------------------|---------------|------------------|
| | | | | | | Lock Nut (mm) | Sealing Nut (mm) |
| PR1P16-10X | PR01 | 11.0 - 7.0 (0.43 - 0.28) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 12.0 (0.47) | 30 | 27 |
| PR1P16-13X | PR02 | 13.0 - 8.0 (0.51 - 0.31) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 12.0 (0.47) | 30 | 27 |

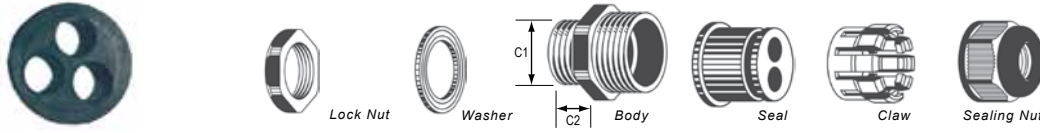
LOCK NUT FOR PG 16 CABLE GLANDS



Lock Nut

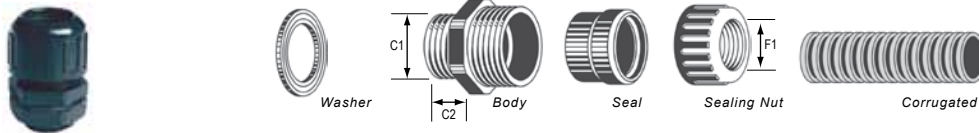
| APP® P/N | Wrench Size Lock Nut (mm) | Std. Pkg. Size |
|----------|---------------------------|----------------|
| 124G31 | 30 | 50 |

STRAIGHT PLASTIC MULTI-HOLE TYPE - STD PACK 50 / NOT UL LISTED



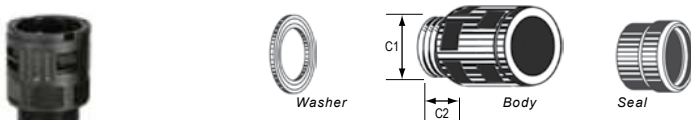
| APP® P/N | Wire Protection Designation (4 Characters) | Number of Holes | Cable Range Wire Outer Dia. mm (in) | Thread O.D. C1 mm (in) | Panel Mounting Hole mm (in) | Thread Length C2 mm (in) | Wrench Size Lock Nut (mm) | Wrench Size Sealing Nut (mm) |
|-----------|---|-----------------|---|------------------------------|--------------------------------|--------------------------------|---------------------------------|------------------------------------|
| PS2P16-3X | PM21 | 2 | 3.5 - 2.5 (0.14 - 0.10) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 11.0 (0.43) | 30 | 27 |
| PS2P16-4X | PM22 | 2 | 4.3 - 3.3 (0.17 - 0.13) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 11.0 (0.43) | 30 | 27 |
| PS2P16-6X | PM23 | 2 | 6.1 - 4.3 (0.24 - 0.17) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 11.0 (0.43) | 30 | 27 |
| PS3P16-3X | PM31 | 3 | 3.6 - 2.6 (0.14 - 0.10) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 11.0 (0.43) | 30 | 27 |
| PS3P16-5X | PM32 | 3 | 5.2 - 3.5 (0.20 - 0.14) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 11.0 (0.43) | 30 | 27 |
| PS4P16-2X | PM41 | 4 | 2.5 - 1.6 (0.10 - 0.06) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 11.0 (0.43) | 30 | 27 |
| PS4P16-3X | PM42 | 4 | 3.6 - 2.5 (0.14 - 0.10) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 11.0 (0.43) | 30 | 27 |
| PS4P16-4X | PM43 | 4 | 4.8 - 3.4 (0.19 - 0.13) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 11.0 (0.43) | 30 | 27 |
| PS5P16-2X | PM51 | 5 | 2.1 - 1.3 (0.08 - 0.05) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 11.0 (0.43) | 30 | 27 |
| PS5P16-3X | PM52 | 5 | 3.1 - 2.0 (0.12 - 0.08) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 11.0 (0.43) | 30 | 27 |
| PS5P16-4X | PM53 | 5 | 4.1 - 3.0 (0.16 - 0.12) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 11.0 (0.43) | 30 | 27 |
| PS6P16-2X | PM61 | 6 | 2.0 - 1.3 (0.08 - 0.05) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 11.0 (0.43) | 30 | 27 |
| PS6P16-3X | PM62 | 6 | 3.0 - 2.0 (0.12 - 0.08) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 11.0 (0.43) | 30 | 27 |

STRAIGHT CONDUIT ADAPTER THREAD TYPE - STD PACK 50 / NOT UL LISTED



| APP® P/N | Wire Protection Designation (4 Characters) | Max. Joint F1 mm (in) | Thread O.D. C1 mm (in) | Panel Mounting Hole mm (in) | Thread Length C2 mm (in) | Wrench Size Lock Nut (mm) | APP® Conduit P/N | Conduit Trade Size |
|------------|---|-----------------------------|------------------------------|--------------------------------|--------------------------------|---------------------------------|------------------------|--------------------------|
| CT1P16-15X | CT01 | 16.0 (0.63) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 11.0 (0.43) | 30 | NGN - 12B | OD15.8 |
| CT1P16-18X | CT02 | 18.3 (0.72) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 11.0 (0.43) | 30 | NGN - 14B | - |
| CT1P16-21X | CT03 | 22.0 (0.87) | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 11.0 (0.43) | 30 | NGN - 17B | OD21.2 |

STRAIGHT CONDUIT PUSH-IN TYPE - STD PACK 50 / NOT UL LISTED



| APP® P/N | Wire Protection Designation (4 Characters) | Thread O.D. C1 mm (in) | Panel Mounting Hole mm (in) | Thread Length C2 mm (in) | Wrench Size Lock Nut (mm) | Wrench Size Sealing Nut (mm) | APP® Conduit P/N | Conduit Trade Size |
|-----------|---|------------------------------|--------------------------------|--------------------------------|---------------------------------|------------------------------------|------------------------|--------------------------|
| CAP16-15X | CA01 | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 10.0 (0.39) | 30 | 21 | NGN - 12B | OD15.8 |
| CAP16-18X | CA02 | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 10.0 (0.39) | 30 | 21 | - | OD18.5 |
| CAP16-21X | CA03 | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 10.0 (0.39) | 30 | 27 | NGN - 17B | OD21.2 |
| CAP16-28X | CA04 | 22.5 (0.89) | 22.5 - 22.8 (0.89 - 0.90) | 12.0 (0.47) | 30 | 34 | NGN - 23B | OD28.5 |

For R/A versions contact Factory

CORRUGATED NYLON PLASTIC TUBING

| APP® P/N | Conduit I. D. mm (in) | Conduit O. D. mm (in) | Conduit Size | Trade Size (mm) | Std. Pkg. Meters (Feet) |
|-----------|--------------------------|--------------------------|-----------------|--------------------|----------------------------|
| NGN - 12B | 11.8 (0.46) | 15.8 (0.62) | 3/8" | OD15.8 | 50 (164) |
| NGN - 14B | 13.8 (0.54) | 17.8 (0.70) | - | - | 50 (164) |
| NGN - 17B | 16.7 (0.66) | 21.2 (0.83) | 1/2" | OD21.2 | 50 (164) |
| NGN - 23B | 21.7 (0.85) | 28.5 (1.12) | 3/4" | OD28.5 | 50 (164) |

TUBING CUTTER



| APP® P/N | Description | Range (mm) |
|----------|----------------------------------|---------------|
| TM0002 | Corrugated Plastic Tubing Cutter | Up to OD 34.5 |

Standard Housing Arrangements & Contacts

HOUSING ARRANGEMENTS FOR POWER, SIGNAL & GROUND CONNECTORS

ARRANGEMENTS REPRESENT FRONT VIEW OF RECEPTACLE

Custom configurations may be created using APP's part number configurator at www.andersonpower.com

E = Empty

1327 Series = Power

1827 Series = Ground

4800 Series = Signal

0 Custom Configuration

AC Single Phase

| | | |
|----------|----------|--------|
| A | 1327G6FP | E |
| | 1327G7FP | 1827G1 |

AC 3 Phase, 3 Wire

| | | |
|----------|----------|--------|
| B | 1327G6FP | 1327FP |
| | 1327G7FP | 1827G1 |

DC 2 Circuit, 4 Wire

| | | |
|----------|----------|----------|
| C | 1327G6FP | 1327G6FP |
| | 1327FP | 1327FP |

DC 2 Wire With Ground

| | | |
|----------|----------|--------|
| D | 1327G6FP | 1327FP |
| | E | 1827G1 |

DC 2 Wire With 8 Signal

| | | |
|----------|----------|--------|
| H | 4827G6 | 4827G6 |
| | 1327G6FP | 1327FP |

AC Single Phase With 4 Signal

| | | |
|----------|----------|--------|
| J | 1327G6FP | 4827G6 |
| | 1327G7FP | 1827G1 |

DC 2 Wire With 4 Signal

| | | |
|----------|----------|--------|
| L | 1327G6FP | 1327FP |
| | E | 4827G6 |

DC 2 Wire With Ground & 4 Signal

| | | |
|----------|----------|--------|
| N | 1327G6FP | 1327FP |
| | 4827G6 | 1827G1 |

All Signal

| | | |
|----------|--------|--------|
| X | 4827G6 | 4827G6 |
| | 4827G6 | 4827G6 |

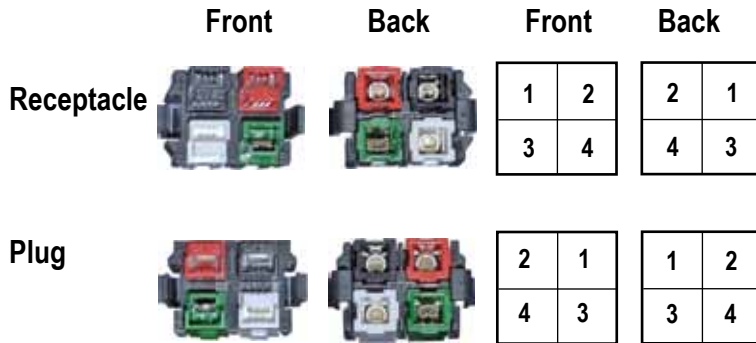
CONTINUOUS CURRENT RATINGS - POWER CONTACT CODE SELECTION

| Contact Code | Power Contact | Housing Configuration | Wire Size / Current Rating | | | | | |
|--------------|-------------------------------|-----------------------|----------------------------|-------|-------|-------|-------|------|
| | | | #10 | #12 | #14 | #16 | #18 | #20 |
| 00 | Contacts Purchased Separately | | | | | | | |
| 01 | 261G2 | A - D | 25/38 | 20/30 | 15/25 | - | - | - |
| | | H,J,L,N | 26/40 | 25/35 | 17/27 | - | - | - |
| 02 | 200G1L | A - D | 23/35 | 18/28 | 15/23 | - | - | - |
| | | H,J,L,N | 24/37 | 23/32 | 15/25 | - | - | - |
| 03 | 261G1 | A - D | - | 20/30 | 15/25 | 11/16 | - | - |
| | | H,J,L,N | - | 25/35 | 17/27 | 13/20 | - | - |
| 04 | 1331 | A - D | - | 16/25 | 15/23 | 12/18 | - | - |
| | | H,J,L,N | - | 17/27 | 17/25 | 13/20 | - | - |
| 05 | 262G1 | A - D | - | - | - | 11/16 | 8/13 | 6/9 |
| | | H,J,L,N | - | - | - | 13/20 | 10/15 | 7/10 |
| 06 | 1332 | A - D | - | - | - | 12/18 | 8/13 | 6/9 |
| | | H,J,L,N | - | - | - | 13/20 | 10/15 | 7/10 |

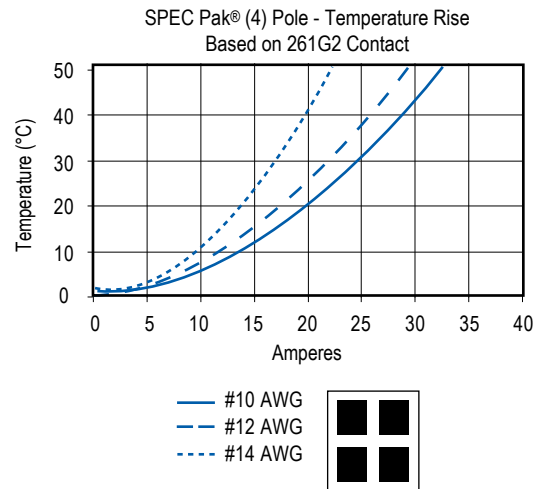
NOTES:

- Current ratings:
 - First number represents current rating per pole for 30°C temperature rise (25 / 38)
 - Second number is the maximum recommended current per pole based on a 25°C ambient (25 / 38)
- Configuration H - N based on signal contacts crimped to #20 AWG wire and carrying 1 amp
- ☐ Denotes wire size not appropriate for power contact
- Shaded boxes are US File No. E26226 pending.
- 1827G1 housing should be used with 1830G1 or 1830G2 ground contact, depending on primary contacts (see chart above). All signal housings (4850G6) come with two 4802G3 and two 4803G3 contacts.

HOLDER LOCATIONS (VIEWS)



TEMPERATURE CHART



Individual Components

POWERPOLE® HOUSINGS & CONTACTS

Fingerproof PP15/45 Housing Only

Package Quantity:

Standard, 100 pieces - Bulk, 1,000 pieces

| Standard Part Number | Bulk Part Number | Description |
|----------------------|------------------|----------------|
| 1327FP | 1327FP-BK | Red Housing |
| 1327G5FP | 1327G5FP-BK | Green Housing |
| 1327G6FP | 1327G6FP-BK | Black Housing |
| 1327G7FP | 1327G7FP-BK | White Housing |
| 1327G8FP | 1327G8FP-BK | Blue Housing |
| 1327G16FP | 1327G16FP-BK | Yellow Housing |

Standard PP 15/45 Housing Only

Package Quantity:

Standard, 100 pieces - Bulk, 1,000 pieces

| Standard Part Number | Bulk Part Number | Description |
|----------------------|------------------|----------------|
| 1327 | 1327-BK | Red Housing |
| 1327G5 | 1327G5-BK | Green Housing |
| 1327G6 | 1327G6-BK | Black Housing |
| 1327G7 | 1327G7-BK | White Housing |
| 1327G8 | 1327G8-BK | Blue Housing |
| 1327G16 | 1327G16-BK | Yellow Housing |
| 1327G17 | 1327G17-BK | Orange Housing |
| 1327G18 | 1327G18-BK | Gray Housing |
| 1327G21 | 1327G21-BK | Brown Housing |
| 1327G22 | 1327G22-BK | Pink Housing |
| 1327G23 | 1327G23-BK | Purple Housing |

Premate Ground PP15/45 Housing Only

Package Quantity:

Standard, 100 pieces - Bulk, 1,000 pieces

| Standard Part Number | Bulk Part Number | Description |
|----------------------|------------------|---------------|
| 1827G1 | 1827G1-BK | Green Housing |

Premate Ground Contacts

Loose Piece

Package Quantity 100

| Part Number | Description |
|--|----------------------------|
| #10 to #14 AWG (4 to 1.5 mm ²) | |
| 1830G1-LPBK | Singulated-LD-Tin Plate |
| 1830G2-LPBK | Singulated-LD-Silver Plate |

Reel

Package Quantity 5,000

| Part Number | Description |
|--|----------------------|
| #10 to #14 AWG (4 to 1.5 mm ²) | |
| 1830G1 | Reel-LD-Tin Plate |
| 1830G2 | Reel-LD-Silver Plate |

15/45 Powerpole® Contacts

Loose Piece

Package Quantity:

Standard, 100 pieces - Bulk, 1,000 pieces

| Standard Part Number | Bulk Part Number | Description |
|--|------------------|---------------------------------|
| #16 to #20 AWG (1.0 to 0.5 mm ²) | | |
| 1332 | 1332-BK | Individual-LD-Silver Plate |
| 262G1-LPBK | - | Singulated Reel-LD-Tin Plate |
| 262G2-LPBK | - | Singulated Reel-LD-Silver Plate |

#12 to #16 AWG (2.5 to 1.0 mm²)

| | | |
|------------|---------|------------------------------|
| 1331 | 1331-BK | Individual-LD-Silver Plate |
| 261G1-LPBK | - | Singulated Reel-LD-Tin Plate |

#10 to #14 AWG (4 to 1.5 mm²)

| | | |
|-------------|---|------------------------------------|
| 261G2-LPBK | - | Singulated Reel-LD-Tin Plate |
| 261G3-LPBK | - | Singulated Reel-LD-Silver Plate |
| 200G1L-LPBK | - | Superflex, Sing. Reel-LD-Tin Plate |

Reel - 15/45 Powerpole® Contacts

Package Quantity 5,000

| Part Number | Description |
|--|----------------------|
| #16 to #20 AWG (1.0 to 0.5 mm ²) | |
| 262G1 | Reel-LD-Tin Plate |
| 262G2 | Reel-LD-Silver Plate |

#12 to #16 AWG (2.5 to 1.0 mm²)

| | |
|-------|-------------------|
| 261G1 | Reel-LD-Tin Plate |
|-------|-------------------|

#10 to #14 AWG (4 to 1.5 mm²)

| | |
|-------|----------------------|
| 261G2 | Reel-LD-Tin Plate |
| 261G3 | Reel-LD-Silver Plate |

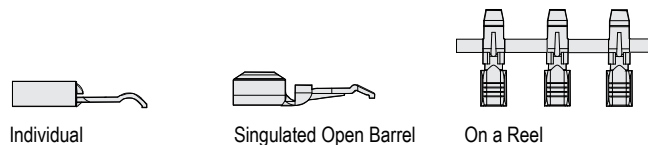
#10 to #14 AWG (6 to 1.5mm²)

| | |
|--------|------------------------------|
| 200G1L | SuperFlex, Reel-LD-Tin Plate |
|--------|------------------------------|

NOTE:

LD - Low Detent

CONTACT STYLES



PPMX (4800 SERIES) HOUSING & CONTACTS

PPMX Housing

Package Quantity
Standard, 25 pieces - Bulk, 1,000 pieces

| Standard | Bulk | |
|-------------|-------------|-------------------------|
| Part Number | Part Number | Description |
| 4827G6 | 4827G6-BK | Black two piece housing |

PPMX Contacts

Package Quantity
Standard, 50 pieces - Bulk, 2,000 pieces

Loose Piece

#20 to #24 AWG (0.50 to 0.25 mm²)

| Standard | Bulk | |
|-------------|-------------|-------------------------------|
| Part Number | Part Number | Description |
| 4802G3 | 4802G3-BK | Socket, Gold, 50 Micro-inches |
| 4803G3 | 4803G3-BK | Pin, Gold, 50 Micro-inches |

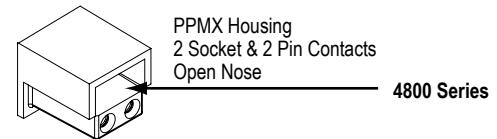
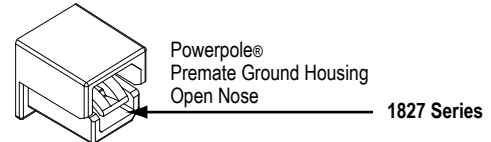
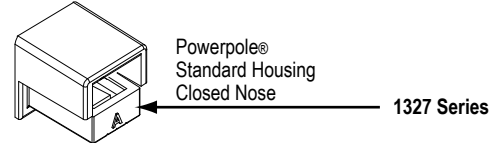
PPMX Housing & Contact Kits

Package Quantity
Standard, 100 pieces

1 Black two piece housing, 2 Male Contacts,
2 Female Contacts

| Standard | Bulk | |
|-------------|-------------|---|
| Part Number | Part Number | Description |
| 4850G6 | - | 50 Micro-inches Gold Plated Contacts - Pin & Socket |

PP15/45 POWERPOLE® HOUSING STYLES



APPLICATION TOOLING - POWERPOLE® 15 / 45 CONTACTS

| Loose Piece Tin Part Number | Loose Piece Silver Part Number | Hand Tool * or | Pneumatic Tool * | Reeled Tin Part Number ** | Reeled Silver Part Number ** | ATS Applicator |
|-----------------------------|--------------------------------|----------------------|------------------|---------------------------|------------------------------|----------------|
| N/A | 1332 | 1309G2 or 1309G8 ** | 1367G1 | N/A | N/A | N/A |
| N/A | 1331 | | | N/A | N/A | N/A |
| 262G1-LPBK | 262G2-LPBK | 1309G3 or 1309G8 *** | N/A | 262G1 | 262G2 | 1385520 |
| 200G2L-LPBK | 200G4L-LPBK | | | TBD | | |
| 261G1-LPBK | 261G4-LPBK | | | 1385520 | | |
| 261G2-LPBK | 261G3-LPBK | | | 1385458 | | |
| 200G1L-LPBK | 200G3L-LPBK | | | 1385460 | | |
| 1830G1-LPBK | 1830G2-LPBK | | | 1385460 | | |

* All Hand and Pneumatic Tools for use with Loose Piece contacts only.

** All reeled contacts can be ordered singulated (Loose Piece) with the suffix "- LPBK"

*** 1309G8 is a hand tool kit- includes dies and locators to make up 1309G2, 1309G3, & 1309G6

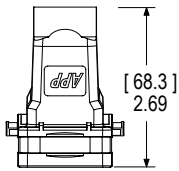
APPLICATION TOOLING - PPMX CONTACTS

| Contact Part Number | APP® Hand Tool or | Mil Std. Hand Tool (APP Part #) | + Positioner | Pneumatic Tool for Locator / Turret |
|---------------------|-------------------|---------------------------------|----------------------|-------------------------------------|
| 4802G3 | PM1000G1 | M22520/1-01 (TM0001) | No Mil Std. (TL0005) | TP0001 |
| 4803G3 | | | | |

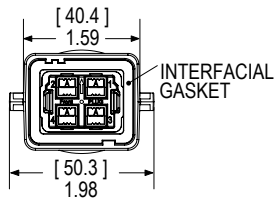
Dimensions

PLUG 4 POSITION FOR PP15/45 HOUSINGS

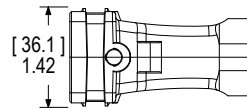
Top View



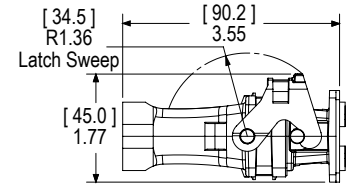
Front View



Side View

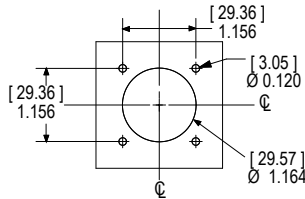


Mated Side View



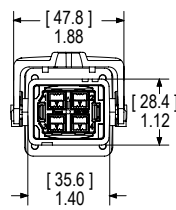
PANEL MOUNT RECEPTACLE 4 POSITION FOR PP15/45 HOUSINGS

Panel Cut Out

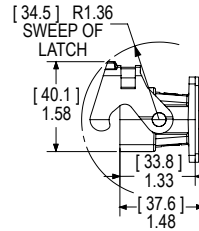


PANEL CUT OUT \varnothing
(SAME AS 26482 & 5015 SHELL SIZE 20)

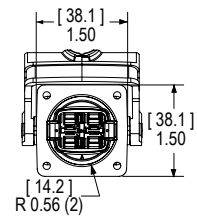
Front View



Side View

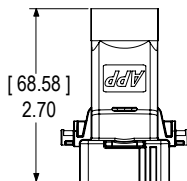


Back View

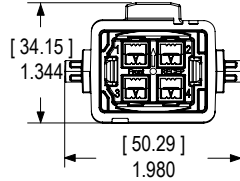


INLINE RECEPTACLE 4 POSITION FOR PP15/45 HOUSINGS

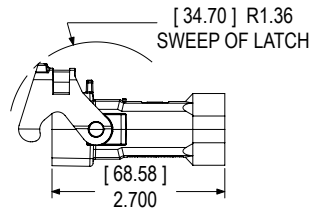
Top View



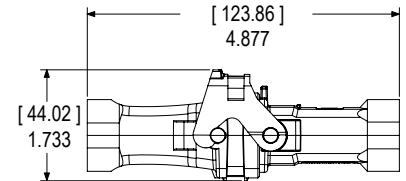
Front View



Side View

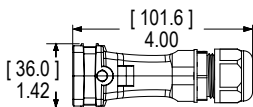


Mated Side View

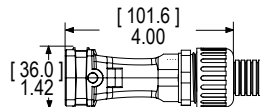


PG GLANDS

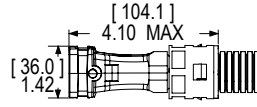
PS - Plastic Short



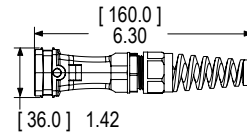
CT - Threaded Conduit Adapter



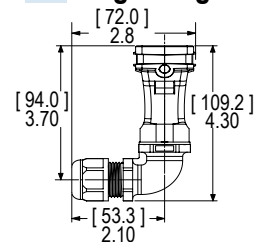
CA - Push-in Conduit Adapter



PF - Plastic Flex PG

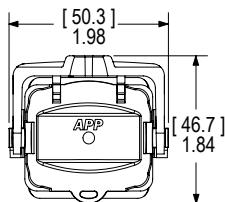


PR - Right Angle

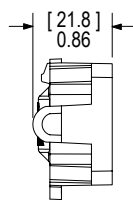


RECEPTACLE COVER KIT

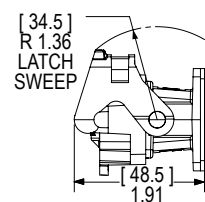
Front View



Side View

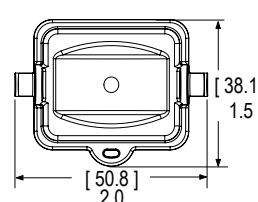


Mated Side View

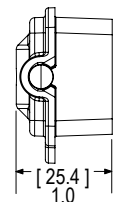


PLUG COVER KIT

Front View



Side View



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