

## Product Features



**Protective Caps**

Protect contacts when disconnected.

**Color Coding**

Enables quick visual identification of matching plugs/receptacles

**Protective Caps**

Protect contacts when disconnected.

**Phase Label**

Indicates phase of receptacle

**Latch Release Button**

Enables disconnection of the plug from the receptacle.

**Silver Contact Material**

Enables maximum performance and durability – withstands at least 2000 operations.

**Mechanical/Electrical Interlock**

Twist ring closes/opens the pilot circuit and locks/unlocks the latching mechanism which works with a breaker to prevent connection or disconnection under load.

### Hazardous Duty Listings

**ATEX**

II 2 G/D Ex e II tD A21 IP65/66  
 Suitable for Zone 1 & 2 (gas) 21 & 22 (dust)  
 (Dust certification is limited to particles > 75 µm)  
 680A (T6): -20 °C <Ta<+40 °C T5 T56 °C  
 600A (T5): -20 °C <Ta<+60 °C T5 T76 °C T6 T56°C



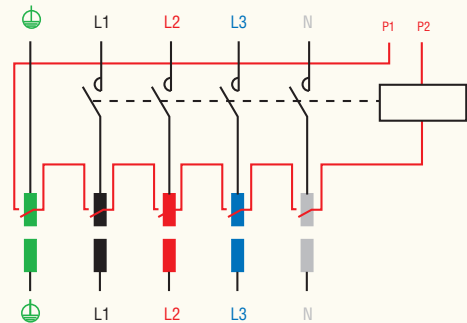
### Highlighted Feature

**Integral Pilot Circuit Switch**



SP plugs and connectors are designed with safety and durability in mind. Each device is mechanically interlocked with an integral pilot circuit switch for controlling the power circuit in order to prevent connection and disconnection under load.

**A typical pilot circuit wiring diagram**



# SPeX

## Hazardous Duty Plugs & Receptacles

SPeX

### Plug (male inlet w/handle)



### Inlet on Angle (male)



#### Ratings

- **Voltage**  
1000 VAC
- **Amperage Rating**  
680A Not for disconnection of a live circuit
- **Environmental Ratings**  
IP65/IP66
- **Temperature Range**  
Min -4°F/Max 104°F
- **Wiring Capacity**  
Min 2/0 AWG Max 750 MCM  
Aux Contacts 12-14 AWG
- **Listings**  
ATEX

| Color Code | Polarity | Part # without lug (by cable diameter) |              |              |              | Color Code | Polarity | Part # without lug |
|------------|----------|--|--------------|--------------|--------------|------------|----------|--------------------|
|            |          | .70-.98 in                             | .94-1.33 in  | 1.33-1.65 in | 1.57-1.89 in |            |          |                    |
|            | L1       | 42-41001-32P                           | 42-41001-40P | 42-41001-50P | 42-41001-63P |            | L1       | 42-49001           |
|            | L2       | 42-41002-32P                           | 42-41002-40P | 42-41002-50P | 42-41002-63P |            | L2       | 42-49002           |
|            | L3       | 42-41003-32P                           | 42-41003-40P | 42-41003-50P | 42-41003-63P |            | L3       | 42-49003           |
|            | NEUTRAL  | 42-4100N-32P                           | 42-4100N-40P | 42-4100N-50P | 42-4100N-63P |            | NEUTRAL  | 42-4900N           |
|            | GROUND   | 42-4100T-32P                           | 42-4100T-40P | 42-4100T-50P | 42-4100T-63P |            | GROUND   | 42-4900T           |
|            | POSITIVE | 42-4100P-32P                           | 42-4100P-40P | 42-4100P-50P | 42-4100P-63P |            | POSITIVE | 42-4900P           |
|            | NEGATIVE | 42-4100M-32P                           | 42-4100M-40P | 42-4100M-50P | 42-4100M-63P |            | NEGATIVE | 42-4900M           |

### Connector (female receptacle w/handle)



### Receptacle on Angle (female)

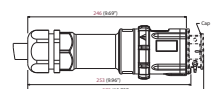


#### Accessories



Lugs are not provided unless ordered. For crimping lug part numbers, see page 133

| Color Code | Polarity | Part # without lug (by cable diameter) |              |              |              | Color Code | Polarity | Part # without lug |
|------------|----------|--|--------------|--------------|--------------|------------|----------|--------------------|
|            |          | .70-.98 in                             | .94-1.33 in  | 1.33-1.65 in | 1.57-1.89 in |            |          |                    |
|            | L1       | 42-43001-32P                           | 42-43001-40P | 42-43001-50P | 42-43001-63P |            | L1       | 42-47001           |
|            | L2       | 42-43002-32P                           | 42-43002-40P | 42-43002-50P | 42-43002-63P |            | L2       | 42-47002           |
|            | L3       | 42-43003-32P                           | 42-43003-40P | 42-43003-50P | 42-43003-63P |            | L3       | 42-47003           |
|            | NEUTRAL  | 42-4300N-32P                           | 42-4300N-40P | 42-4300N-50P | 42-4300N-63P |            | NEUTRAL  | 42-4700N           |
|            | GROUND   | 42-4300T-32P                           | 42-4300T-40P | 42-4300T-50P | 42-4300T-63P |            | GROUND   | 42-4700T           |
|            | POSITIVE | 42-4300P-32P                           | 42-4300P-40P | 42-4300P-50P | 42-4300P-63P |            | POSITIVE | 42-4700P           |
|            | NEGATIVE | 42-4300M-32P                           | 42-4300M-40P | 42-4300M-50P | 42-4300M-63P |            | NEGATIVE | 42-4700M           |



Dimensions  
see page 134