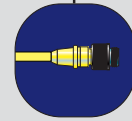


# Receptacles

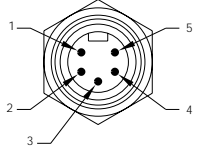
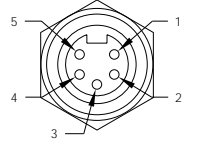


BradConnectivity™ 5-pole Mini-Change® receptacles are used to connect auxiliary power to a variety of devices including active I/O blocks. The receptacles can be mounted to the enclosure allowing the wire leads to be connected to the power supply. Female receptacle connections bring power safely out of the cabinet to a mating 5-pole Mini-Change cordset, which in turn can be connected to the auxiliary power port on the Profibus active I/O block. Receptacles used in conjunction with double-ended cordsets provide a quick-disconnect solution for your power source.



- #16 AWG yellow STOOW cable – U.S. color code
- Oil-resistant PVC jacket
- Low-resistance contact design with gold/palladium nickel plating
- Can be used to provide power to a Siemens ET 200 block

## Receptacles

| FACE VIEWS | MALE   | FEMALE   |
|------------|--|--|
|            |    |  |
| COLOR CODE | 1- WHITE (OUTPUT POWER V-)<br>2- RED (BUS/INPUT POWER V-)<br>3- GREEN (EARTH GROUND) | 4- ORANGE (BUS/INPUT POWER V+)<br>5- BLACK (OUTPUT POWER V+)                         |

| MALE                        | RECEPTACLES WITH #16 AWG PVC LEADS    |
|-----------------------------|---------------------------------------|
| STRAIGHT W/ 1/2" NPT THREAD | 1R5006A20Axxx                         |
| STRAIGHT W/ M16 THREAD      | 51209-030 FOR USE WITH SIEMENS ET 200 |
| FEMALE                      | RECEPTACLES WITH #16 AWG PVC LEADS    |
| STRAIGHT W/ 1/2" NPT THREAD | 1R5000A20Axxx                         |

### OPTIONS

See Brad Harrison catalog for additional power media

Use the following chart to modify your part's specifications

1R5006A20xxxx

#### RECEPTACLE TYPE

STRAIGHT FEMALE INTERNAL THREAD . . . . .000  
STRAIGHT MALE EXTERNAL THREAD . . . . .006

#### LEAD LENGTH

12 INCH LEADS . . . . .A120  
6 FOOT LEADS . . . . .F060

**MECHANICAL**

CONNECTOR FACE: PVC – UL STD 94 – VO  
 SHELL: ANODIZED ALUMINUM (1/2" NPT) OR NICKEL-PLATED BRASS (PG 11)  
 #16 AWG PVC CONDUCTOR INSULATION OVER 20 X 30 COPPER STRANDING, UL STOOW CSA ST  
 CABLE DIAMETER: 5P - .50" (12.7mm)

**ELECTRICAL**

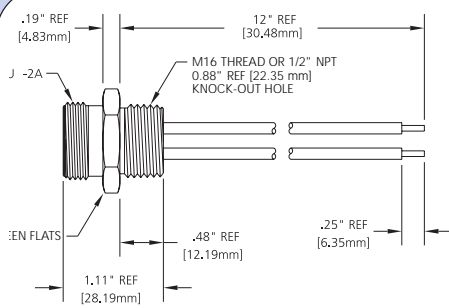
VOLTAGE RATING: 600V AC/DC  
 AMPERAGE: 8 A  
 ENVIRONMENTAL PROTECTION: IP68, NEMA 6P  
 AMBIENT OPERATING TEMP: -4° TO 221° F (-20° TO 105° C)

**CERTIFICATIONS**

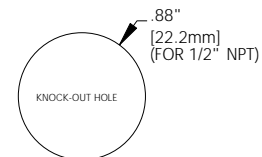
UL: UL RECOGNIZED, FILE NO. E46237  
 CSA: CSA CERTIFIED, FILE NO. LR6837

**RECEPTACLE DIMENSIONS**

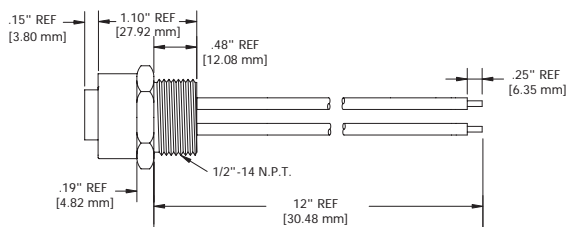
Receptacles with #16 AWG PVC leads 12 inches long



TYPICAL KNOCK OUT



Receptacles with #16 AWG PVC leads 12 inches long



TYPICAL KNOCK OUT

