

PNHT High Temperature plug and receptacle



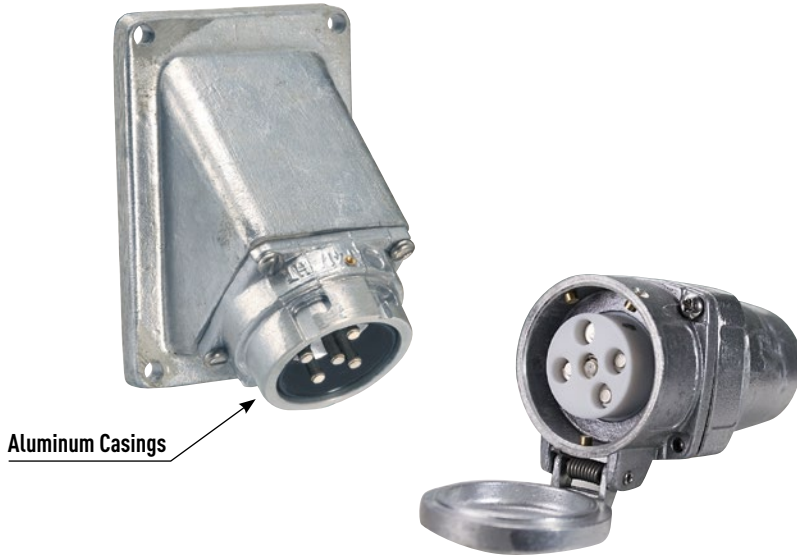
Main Advantages

- ▶ Compact yet durable device
- ▶ Spring-loaded silver-nickel devices
- ▶ Spring-assisted terminals resist vibrations and thermal cycling



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PRODUCT FEATURES



Aluminum Casings

General Ratings

Amperage	30A
Voltage	480 VAC Max
Environmental	IP44
Temperature	max 465°F (240°C)

This high-temperature version of the PN is approved for use in temperatures up to 465°F / 240°C.

Therefore, you can supply power to electrical equipment located next to heat sources: machines, industrial facilities, steel works, metallurgy, etc.

Operating Instructions

Connection



Ensure that the circuit is deenergized before removing the plug from the receptacle.



To remove the plug, apply slight inward force and rotate the plug counterclockwise.

Disconnection



To reconnect open lid, align grooves in inlet with notches in the receptacle casing.



Insert and twist clockwise until plug is engaged.

PNHT High Temperature Plugs & Receptacles – 30A

UL/CSA Ratings

- **Max Amperage & Voltage**
30A, 480 VAC, 130 VDC
 - **Not for Current Interruption**
Not for current interrupting
 - **Environmental Ratings**
IP44
 - **Temperature Range**
Min -40°F / Max 465°F
 - **Wiring Capacity**
Min 14 AWG Max 8 AWG
 - **Certifications**
IEC, CE*
- *Contact Customer Service

Receptacle (female)



Inlet (male)



! Don't forget to add installation accessories to your order

North American UL/CSA Configurations

Voltage	Polarity	Part # Metal	Part # Metal
125V	1P+N+G	09-24075-185	09-28075-185
250V	2P+G	09-24072-185	09-28072-185
125 250V	2P+N+G	09-24076-185	09-28076-185
250V	3P+G	09-24073-185	09-28073-185
125 250V	3P+N+G	09-24077-185	09-28077-185
277V	1P+N+G	09-24045-185	09-28045-185
480V	2P+G	09-24042-185	09-28042-185
480V	3P+G	09-24043-185	09-28043-185
277 480V	3P+N+G	09-24047-185	09-28047-185




For international configurations and ratings (IEC,CE) visit meltric.com/international-catalog or contact customer service at 800.433.7642.


! See pages 230-239 for detailed information on these options

INSTALLATION ACCESSORIES – SIZE 1

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

HANDLES


METAL HANDLE w/Threaded Opening w/NPT	Part #
 1/2"	571P0N05185
 3/4"	571P0N07185
 1"	571P0N10185





HANDLE w/CORD GRIP	Cable Range	Part #
	.32 - .47 mm	571P020M185
	.39 - .75 mm	571P025M185
	.63 - .94 mm	571P032M185

For available cord grips, see pg 178

BOXES



METAL WALL BOX w/NPT	Part #
 0° 1/2"	571B0N05185
 0° 3/4"	571B0N07185

METAL BOX w/NPT	Part #
 0° 1/2"	771F0N05
 0° 3/4"	771F0N07
 0° 1"	771F0N10
 0° 1 1/4"	771F0N12

METAL BOX WITH METAL ANGLE w/NPT	Part #
 45° 1/2"	771C4N05185
 45° 3/4"	771C4N07185
 45° 1"	771C4N10185
 45° 1 1/4"	771C4N12185

NPT on top or bottom (if rotated). For other NPT configurations, contact customer service.

ANGLES

METAL ANGLE	Part #
 0°	571M0
 45°	571M4185

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Cable Range	NPT	
.312 - .625	1/2"	NPT sizes are determined by the cable diameter and third party cord grip.
.438 - .812	3/4"	
.660 - 1.000	1"	

