

# PNHT High Temperature plug and receptacle



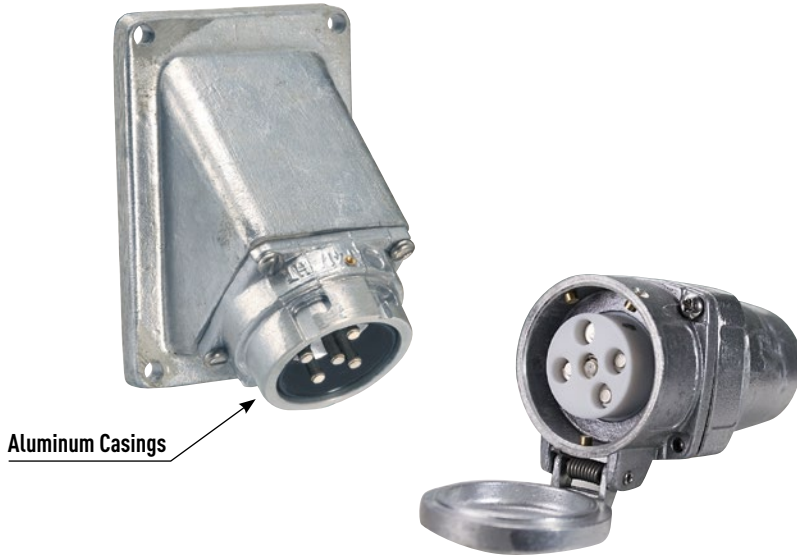
## Main Advantages

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



- ▶ Features and Ratings p. 123
- ▶ PNHT p. 124

# 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](http://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"	<b>571P0N05185</b>
3/4"	<b>571P0N07185</b>
1"	<b>571P0N10185</b>


HANDLE w/CORD GRIP	Cable Range	Part #
	.28 - .51"	<b>571P020M185</b>
	.31 - .63"	<b>571P025M185</b>
	.71 - 1.10"	<b>571P032M185</b>

For available cord grips, see pg 178

**BOXES**



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

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

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

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

**ANGLES**

METAL ANGLE	Part #
 0°	<b>571M0</b>
 45°	<b>571M4185</b>

**i**

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"	

