



THORNE &
DERRICK
INTERNATIONAL

Thorne & Derrick
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www.heatingandprocess.com



PNHT

POWER CONNECTORS

- ▶ 240 °C
- ▶ 30 A / 500 V
- ▶ IP44

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DSHT

POWER CONNECTORS

- ▶ 240° C and 400 °C
- ▶ 90 A / 690 V
- ▶ IP66

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RANGE HIGH TEMPERATURE

This range of power connectors and signal & control connectors, provides excellent connection quality even with high-temperature environments. Very robust, those connectors also resist to corrosion.

HIGH
TEMPERATURE

Find all information on our website:



marechal.com



Technical documentation



Product configurator

HT

HIGH TEMPERATURE CONNECTORS

- ▶ FROM 30 TO 90 A
- ▶ FROM 240 TO 400 °C

MAIN FEATURES

	PNHT	DSHT
Max. operating temperature steady	240 °C	240 °C / 400 °C (2h)
Rated current In	30 A	90 A
Umax	500 V	690 V
Maximum no. of contacts	3P+N+E	3P+E
Protection	IP44	IP66
Robustness	IK09	IK09
Flexible wiring (min-max)	1 - 6 mm ²	*
Stranded wiring (min-max)	1,5 - 10 mm ²	*

* Armoured and unarmoured flexible cables, from 10 mm² up to 95 mm² via terminals box side and 6 mm², 16 mm² & 35 mm² via crimping contacts plug side.

PNHT (30 A) 240 °C

**SOCKET-
OUTLET**
female



INLET
male



Voltage 50 Hz	Polarity	Part no. 240 °C	Part no. 240 °C
20 - 24 V	2P	092408A185	092808A185
190 - 230 V	3P+E	0924033185	0928033185
220 - 250 V	1P+N+E	0924015185	0928015185
380 - 440 V	3P+E	0924013185	0928013185
380 - 440 V	3P+N+E	0924017185	0928017185

BOXES
Cable gland
not included



Straight metal



Straight metal +
inclined metal 45°

SLEEVE



Inclined
metal 45°

HANDLE



Straight
metal

Entry					
M20	092A055185	092A653185	092A027185	6-13 mm	092A963185
M25		092A672185		10-18 mm	092A674185
M32		092A673185		16-24 mm	092A675185



SPECIFICATION

High temperature connectors, silver butt-contacts with metal braid, Automatic IP44.

DSHT (90 A)
240 °C *



**WALL
MOUNTING
SOCKET**

PLUG

Voltage 50 Hz	Polarity	Part no.	Part no.
380 - 440 V	3P+E	3934013Zxxx	3938013Zxxx

* 400 °C for 2 hours, see range BOXES AND OTHER PRODUCTS, Equipment for tunnels.
Please contact us for configurations and Part No.



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