

PN

COMPACT CONNECTOR 30 A

- ▶ AUTOMATIC IP66/IP67 WATER- AND DUST-TIGHT SEALING
- ▶ ALL INDUSTRIES
- ▶ GRP OR METAL CASING

The PN industrial plug and socket offer similar benefits to deconnectors: automatically watertight, dual voltage, resistance to corrosion and reliability of the connection thanks to MARECHAL®'s butt-contact technology. In addition, it is very compact.

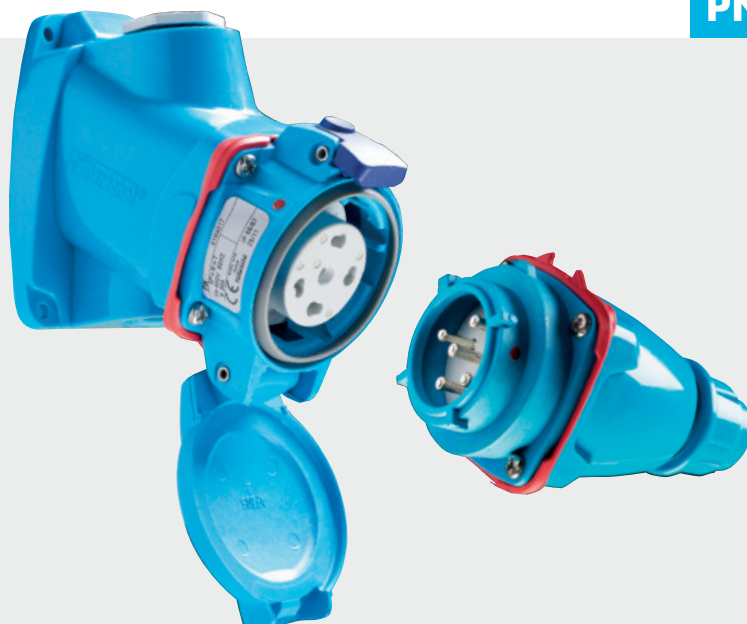
■ OPERATION



To connect the plug: align the red dots on the plug and the socket-outlet, then turn the plug anticlockwise to connect.



To remove the plug: turn the plug clockwise and withdraw.



SPECIFICATION

IP66/IP67 plug and socket-outlet, silver-nickel butt contacts and metallic braid, comply with BECMA international standard

TECHNICAL FEATURES

	PN
Rated current (In)	30 A
Umax	500 V
Keying positions ⁽¹⁾	16
Ambient temperature	-40 °C to +60 °C
IP protection	IP66/IP67

⁽¹⁾ To distinguish between different power supplies and applications

STANDARDS ASPECTS

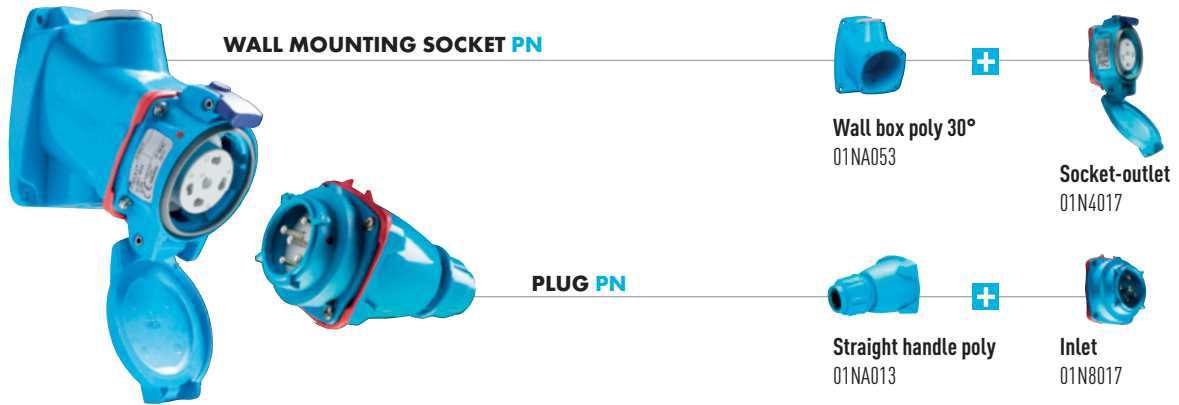
PN plugs and socket-outlets comply with:

- IEC EN 60309-1 European and International standard (plugs and socket-outlets for industrial purposes),
- The European Low Voltage Directive 2006/95/CE,
- The French NF C 15-100 standard,
- The French decree dated 20 December 2011 pertaining to the wiring and operating conditions of movable electrical apparatuses,
- The decrees relating to workers' protection in Belgium, Spain and Italy,
- The requirements of IEC 60529 international standard
- The UL 1682 (USA) and CSA C22.2 N° 182.1-07 (Canada) standards for plugs and socket-outlets.

Also certified by VERITAS LCIE, UL, AS, TR CU (GOST) and cCSAus (French, American, Australian, Russian and Canadian inspection laboratories).



TYPICAL CONFIGURATION



MAIN FEATURES

Rated current (with wiring according to standard)	30 A	Ambient temperature	-40 °C to +60 °C
Maximum voltage	500 V	Flexible wiring (min-max)	1 - 6 mm ²
IP protection lid closed	IP66/IP67	Stranded wiring (min-max)	1,5 - 10 mm ²
IP protection connected plug	IP66/IP67	Other wiring	on request
Shock resistance (poly casing)	IK08	Keying positions	16
Shock resistance (metal casing)	IK09		

DUAL VOLTAGE SOCKET-OUTLET
(SEE P.8)

Voltage 50 Hz	Polarity	Part no.	Part no.
20 - 24 V	2P	01N408A	01N808A
190 - 230 V	3P+E	01N4033	01N8033
220 - 250 V	1P+N+E	01N4015	01N8015
380 - 440 V	3P+E	01N4013	01N8013
220 - 250 V 380 - 440 V	3P+N+E	01N4017	01N8017
480 - 500 V	3P+E	01N4093	01N8093
480 - 500 V	3P+N+E	01N4097	01N8097

* 20 A for 480 - 500 V

► Other voltages, frequencies and contact configurations are available (see page 10).

Note: GRP devices are not compatible with metal devices.

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480 - 500 V	3P+N+E	09N4097	09N8097

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CERTIFICAT N°
FR 60037180-5371840

BOXES

Cable gland not included



Wall box poly 30°



Wall box poly droit



Wall box metal straight



Wall box metal + Inclined metal 45°



Wall box poly + Inclined poly 70°

Entry	01NA053	01NA055	09NA055	09NA653	09NA653418	09NA653419	Not drilled and without cable gland Part no. 51AA058
M20	01NA053	01NA055	09NA055	09NA653	09NA653418	09NA653419	Not drilled and without cable gland Part no. 51AA058
M25					09NA653418		
M32					09NA653419		

SLEEVES



Inclined poly 30°

611A057



Inclined metal 30°

09NA027



Inclined poly 70°

51AA757

HANDLES



Straight poly



Angled poly



Straight poly with poly cable gland



Straight metal with metal cable gland



Straight poly without cable gland with metric threaded entry

9-18 mm	01NA013	01NA313	5-12 mm	01NA753	7-13 mm	09NA963	M20	01NA253417
5-21 mm	611A413		8-18 mm	01NA25325P	8-16 mm	09NA95325M	M25	01NA253418
			14-25 mm	01NA25332P	16-24 mm	09NA95332M	M32	01NA253419



INDUSTRIAL-DOMESTIC ADAPTERS



Industrial inlet MARECHAL® 1P+N+E domestic socket-outlet 10/16 A 230V 10 A and 16 A.

Type	Material	Part no.
France	GRP	01N8015D11
France	Metal	09N8015D11
UK	GRP	01N8015D40
UK	Metal	09N8015D40
Germany	GRP	01N8015D30
Germany	Metal	09N8015D30
Italy	GRP	01N8015D06
Italy	Metal	09N8015D06

ACCESSORIES & OPTIONS

Locking with padlock (ø 4 mm) without shaft (padlocks not supplied)
Socket no. + 843



Screw locking imprint BTR 2,5
Socket no. + 22



Reversed interior and contacts (inlet cap is included)
Inlet no. + 001
Socket no. + 001



IP55 self-closing lid (Socket-outlet)
Replace N by S
Eg: 400 V 3P+N+E poly = 01S4017



Inlet cap
01NA126



Self-returning lid Socket no. + R
180° opening lid Socket no. + 10
180° opening and self-returning lid Socket no. + 18