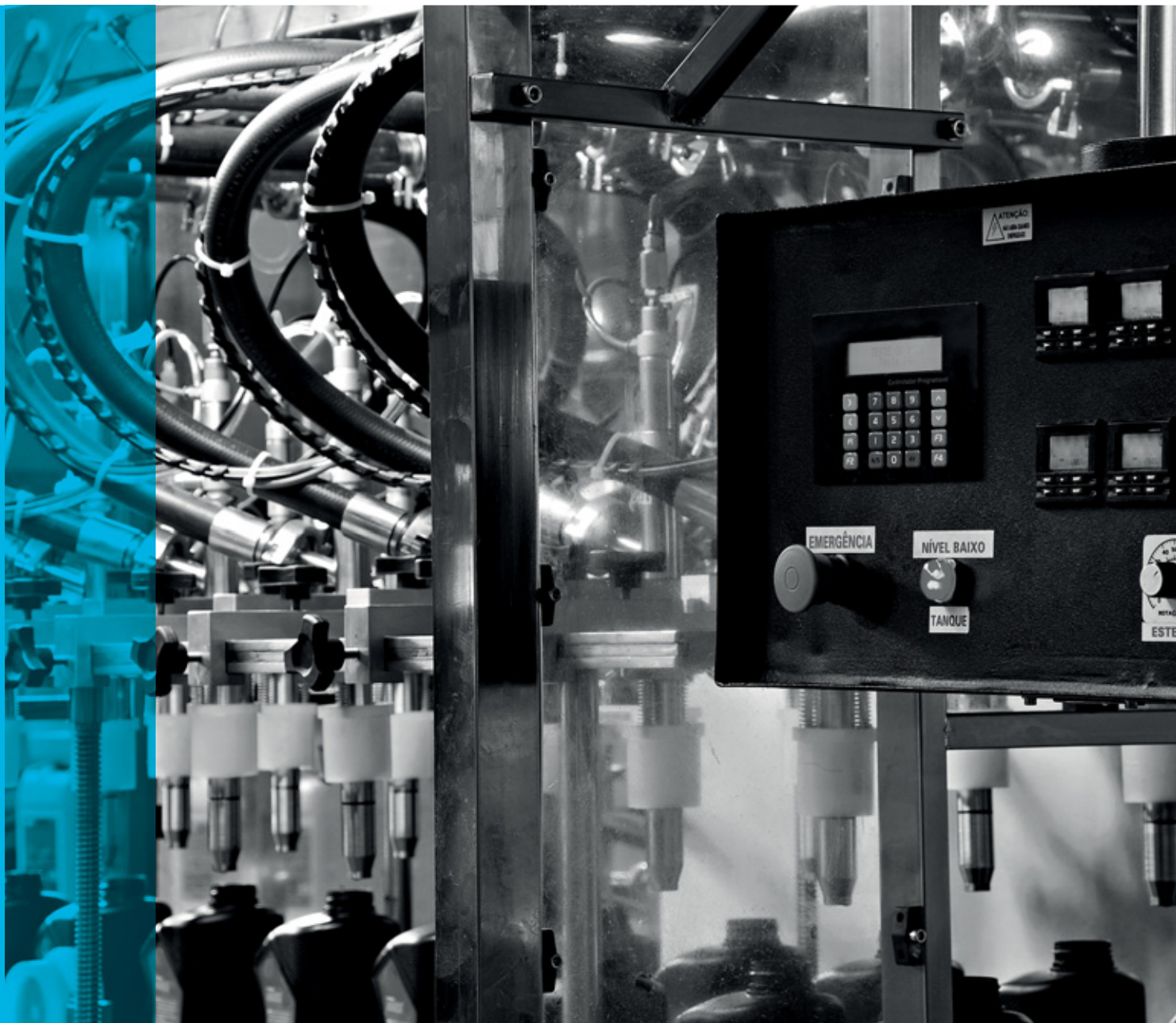




PN7c

- ▶ Up to 7 contacts
 - ▶ 25 A / 500 V max.
 - ▶ IP66/IP67
 - ▶ GRP or metal
- page 80



DN9c

- ▶ Up to 9 contacts
 - ▶ 30 A / 415 V max.
 - ▶ IP54/IP55
 - ▶ Metal
- page 82



PN12c

- ▶ Up to 12 contacts
 - ▶ 16 A / 500 V max.
 - ▶ IP66/IP67
 - ▶ GRP or metal
- page 84

RANGE SIGNAL & CONTROL

MARECHAL® multicontact connectors are used for signal and control applications such as temporary phone lines and control of overhead cranes. The solid silver-nickel contacts assure superior conductivity, electrical performance and durability. Also the materials used for the bodies resist extreme conditions in harsh environments.

Find all information on our website:



marechal.com



Technical documentation



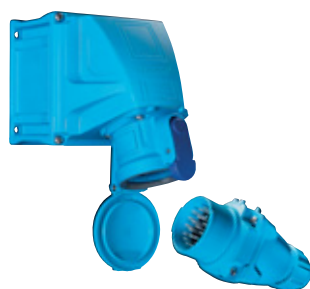
Product configurator



DN20c

- ▶ Up to 20 contacts
- ▶ 25 A / 415 V max.
- ▶ IP54/IP55
- ▶ Metal

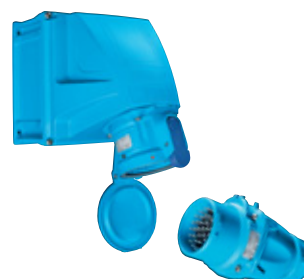
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DSN24c

- ▶ Up to 24 contacts
- ▶ 16 A / 415 V max.
- ▶ IP66/IP67
- ▶ GRP

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DSN37c

- ▶ Up to 37 contacts
- ▶ 16 A / 415 V max.
- ▶ IP66/IP67
- ▶ GRP

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WALL MOUNTING SOCKET PN7c



PLUG PN7c



Wall box poly 30°
01NA053



Socket-outlet
01P4061



Straight handle poly
01NA013



Inlet
01P8061

MAIN FEATURES

Rated current/contact (wiring according to standard)	25 A
Σ of currents (contacts)	≤ 130 A
Maximum voltage	500 V
IP protection lid closed	IP66/IP67
IP protection connected plug	IP66/IP67
Shock resistance (poly casing)	IK08

Shock resistance (metal casing)	IK09
Ambient temperature	-40 °C to +60 °C
Flexible wiring (min-max)	1 - 4 mm ²
Stranded wiring (min-max)	1 - 6 mm ²
Wiring (terminals)	screw-type
Keying positions	5

SOCKET-
OUTLET female
PN7c (16/25 A)
GRP



INLET male
PN7c (16/25 A)
GRP



Umax	Polarity	Part no.	Part no.
50 V	5P (25 A)	01P4050	01P8050
50 V	6P (16 A)	01P4060	01P8060
50 V	7P (16 A)	01P4070	01P8070
500 V	4P+E (25 A)	01P4041	01P8041
500 V	5P+E (25 A)	01P4051	01P8051
500 V	6P+E (16 A)	01P4061	01P8061

SOCKET-
OUTLET female
PN7c (16/25 A)
METAL



INLET male
PN7c (16/25 A)
METAL



Umax	Polarity	Part no.	Part no.
50 V	5P (25 A)	09P4050	09P8050
50 V	6P (16 A)	09P4060	09P8060
50 V	7P (16 A)	09P4070	09P8070
415 V	4P+E (25 A)	09P4041	09P8041
415 V	5P+E (25 A)	09P4051	09P8051
415 V	6P+E (16 A)	09P4061	09P8061

BOXESCable gland
not included**Wall box
poly 30°****Wall box
poly straight****Wall box
metal straight****Wall box metal +
inclined metal 45°****Wall box poly +
inclined poly 70°**

Entry					
M20	01NA053	01NA055	09NA055	09NA653	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

**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****180° opening lid****180° opening and self-returning lid**

Socket no. + R

Socket no. + 10

Socket no. + 18



WALL MOUNTING SOCKET DN9c



PLUG DN9c



Wall box metal 20°
191A053



Socket-outlet
1914081



Straight handle poly
191A013



Inlet
1918081

MAIN FEATURES

Rated current/contact (wiring according to standard)	30 A	Ambient temperature	-40 °C to +60 °C
Σ of currents (contacts)	≤ 210 A	Flexible wiring (min-max)	1 - 6 mm ²
Maximum voltage	415 V	Stranded wiring (min-max)	1,5 - 10 mm ²
IP protection lid closed	IP55	Wiring (terminals)	screw-type
IP protection connected plug	IP54	Keying positions	2
Shock resistance	IK09		

**SOCKET-
OUTLET** female
DN9c (30 A)



INLET male
DN9c (30 A)



Umax	Polarity	Part no.	Part no.
50 V	6P	1914060	1918060
50 V	7P	1914070	1918070
50 V	8P	1914080	1918080
50 V	9P	1914090	1918090
415 V	5P+E	1914051	1918051
415 V	6P+E	1914061	1918061
415 V	7P+E	1914071	1918071
415 V	8P+E	1914081	1918081

AUXILIARY CONTACTS

Including 2 pilot contacts (30 A)
Including 2 pilot contacts (30 A)

Socket no. + 262
Inlet no. + 262

Including 4 pilot contacts (30 A)
Including 4 pilot contacts (30 A)

Socket no. + 264
Inlet no. + 264

BOXESCable gland
not included**Wall box
metal 20°****Wall box metal +
inclined metal 70°****Wall box metal +
inclined metal 30°****Wall box metal +
straight metal sleeve****Entry**

M20	191A053	873A053417	191A653	191A095
M25	191A053418	873A053	191A653418	191A095418
M32	191A053419	873A053419	191A653419	191A095419
M40		873A053420	191A653420	191A095420

SLEEVES**Inclined
metal 30°****Inclined
metal 70°****Straight
metal**

191A027

873A087

191A127

HANDLES**Straight poly****Straight poly with
poly cable gland****Straight metal
with metal cable
gland****Straight poly
without cable
gland with metric
threaded entry**

10-30 mm	191A013	5-12 mm	191A753	7-13 mm	191A963	M20	191A253417
10-30 mm	191A473*	9-18 mm	191A25325P	8-16 mm	191A95325M	M25	191A253418
		14-25 mm	191A25332P	16-24 mm	191A95332M	M32	191A253419
		18-32 mm	191A25340P	22-32 mm	191A95340M	M40	191A253420

*With built-in finger draw plate (recommended for inline connections)

ACCESSORIES & OPTIONS**Locking with shaft for 3 padlocks
ø 8 mm (padlocks not supplied)**

Socket no. + 844

Lockable plug: contact us**Padlocking device 1 to 6 padlocks
873A541****E-Stop button**

Socket no. + 453

**Inlet cap**

191A126

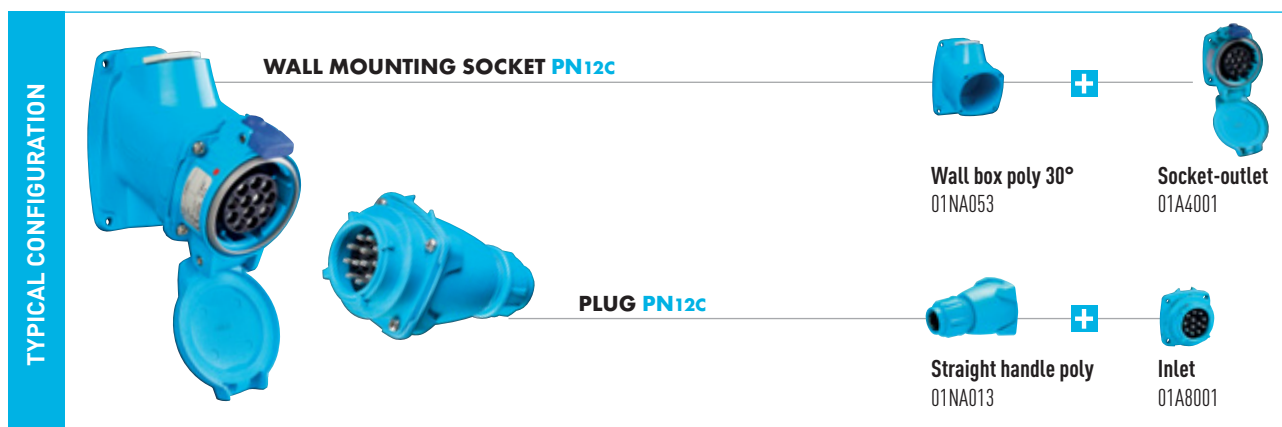
**180° opening lid****Self-returning lid****180° opening and self-returning lid
IP66/IP67 (socket & inlet)**

Socket no. + 10

Socket no. + R

Socket no. + 18

Part no. + 600



ELECTRICAL FEATURES

Maximum voltage	480 V
Impulse withstand voltage	5 kV / Pollution degree 3
Contact resistance	< 2mΩ
Permitted current range	4-20 mA / 16 A
Rated current percontact (max)	16 A
Total current carried	≤ 110 A
Flexible wiring (min-max)	1 - 2,5 mm ²
Wiring (terminals)	crimping
Keying positions	2

CLIMATIC FEATURES

Ambient temperature	-40 °C to +60 °C
IP protection connected plug	IP66/IP67
IP protection lid closed	IP66/IP67
Salt, Fog performance	200 hrs minimum connected
Resistance to fluids	Motor oils, petrol, fats, detergents...

MECHANICAL FEATURES

Butt contacts	Female contacts: copper alloy silver plated / Male contacts: Silver-nickel tips
Contact protection	Silvering
Load cycles	More than 5000 cycles
Shock resistance (poly casing)	IK08
Shock resistance (metal casing)	IK09
Vibration	Frequency 5-1000 Hz, 1g / (90 minutes on each critical frequency) according to IEC 6068-2-6

**SOCKET-
OUTLET** female
PN12c (16 A)



INLET male
PN12c (16 A)



Umax	Contacts	Part no.*	Part no.*
480 V	12 contacts	01A4001	01A8001

* The listed Part nos. call up GRP casings. For metal casings, replace prefix 01 with 09

Each product is supplied with 1 bag of 13 contacts depending on the maximum configuration.
This allows you to set up the product to suit your needs.

BAG OF 13 CONTACTS (SUPPLIED WITH INSULATION SLEEVES AND FERRULES)

Female socket-outlet Part Number	01AA213
Male inlet Part Number	01AA113

BOXESCable gland
not included**Wall box
poly 30°****Wall box
poly straight****Wall box
metal straight****Wall box metal +
inclined metal 45°****Wall box poly +
inclined poly 70°**

Entry					
M20	01NA053	01NA055	09NA055	09NA653	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

**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****180° opening lid****180° opening and self-returning lid**

Socket no. + R

Socket no. + 10

Socket no. + 18



MAIN FEATURES

Rated current/contact (wiring according to standard)	25 A	Ambient temperature	-40 °C to +135 °C
Σ of currents (contacts)	≤ 350 A	Flexible wiring (min-max)	1 - 6 mm ²
Maximum voltage	415 V	Stranded wiring (min-max)	1,5 - 10 mm ²
IP protection lid closed	IP55	Wiring (terminals)	screw-type
IP protection connected plug	IP54	Keying positions	4
Shock resistance	IK09		

**SOCKET-
OUTLET** female
DN20c (25 A)



INLET male
DN20c (25 A)



Umax	Polarity	Part no.	Part no.
50 V	10P	1964100	1968100
50 V	11P	1964110	1968110
50 V	12P	1964120	1968120
50 V	13P	1964130	1968130
50 V	14P	1964140	1968140
50 V	15P	1964150	1968150
50 V	16P	1964160	1968160
50 V	17P	1964170	1968170
50 V	18P	1964180	1968180
50 V	19P	1964190	1968190
50 V	20P	1964200	1968200
415 V	9P+E	1964091	1968091
415 V	10P+E	1964101	1968101
415 V	11P+E	1964111	1968111
415 V	12P+E	1964121	1968121
415 V	13P+E	1964131	1968131
415 V	14P+E	1964141	1968141
415 V	15P+E	1964151	1968151
415 V	16P+E	1964161	1968161
415 V	17P+E	1964171	1968171
415 V	18P+E	1964181	1968181
415 V	19P+E	1964191	1968191

BOXESCable gland
not included**Wall box metal +
inclined metal 70°****Wall box metal +
inclined metal 30°****Wall box metal +
straight metal sleeve**

Entry			
M32	879A823419	196A653419	196A095419
M40	879A823420	196A653420	196A095420
M50	879A823	196A653	196A095
M63	879A823463	196A653463	196A095463

SLEEVES**Inclined
metal 30°****Inclined
metal 70°****Straight
metal**

196A027

879A087

196A127

HANDLES***Straight
elastomer****Straight poly with
metal cable gland****Straight metal
with metal cable
gland****Straight poly
without cable
gland with metric
threaded entry**

18-25 mm	659A013D25	35-48 mm	619A25363M	16-24 mm	196A95332M	M63	619A253463
25-35 mm	659A013D35			22-32 mm	196A963		
35-45 mm	659A013D45			34-44 mm	196A95350M		

* For use at 135 °C, use only metal handles.

ACCESSORIES & OPTIONS**Locking with shaft for 3 padlocks
ø 8 mm (padlocks not supplied)**

Socket no. + 844

Lockable plug: contact us**Padlocking device 1 to 6 padlocks
873A541****E-Stop button**

Socket no. + 453

**Inlet cap**

196A126

**Closing mechanism**

Draw lever only: 196A376

Draw plate only: 196A396

**180° opening lid****Self-returning lid****180° opening and self-returning lid
IP66/IP67 (socket & inlet)**

Socket no. + 10

Socket no. + R

Socket no. + 18

Socket no. + 600