

Multicontact Plugs and socket-outlets

The range

Advantages	p. 70
Features	p. 71
PN12c - 5 / 10 A	p. 72
DSN24c - 5 A	p. 74
DSN37c - 5 A	p. 76
PN7c - 16 / 25 A	p. 78
DN9c - 30 A	p. 80
DN20c - 25 A	p. 82

Spare parts: see pages 172, 174 and 175



Town equipment, emergency vehicles



Telephone line connections



Wastewater treatment

And lighting circuits for tunnels, food & beverage industries, chemical industries, small pumps and small motors in locations next to heat sources, etc.

Combining low currents and high current contacts

MARECHAL ELECTRIC multicontact plugs and socket-outlets are used for signal and control purposes. They convey information (*power*) and signals (*low voltage*). Example: telephone line connection, travelling crane controls ...

The silver-nickel alloy used for the contact tips provides optimum conductivity and high durability (*several thousand cycles*).

The casings provide high resistance to the most extreme conditions of use.

Advantages

PN12C - 5 / 10 A
 DSN24C - 5 A
 DSN37C - 5 A
 PN7C - 16 / 25 A
 DN9C - 30 A
 DN20C - 25 A

Selection guide

Contacts	5	6	7	9	12	20	24	37
Rated current								
5 A							DSN24C	DSN37C
10 A		PN12C						
16 A								
25 A	PN7C					DN20C		
30 A								

PN12C
PN7C
**DSN24C
& 37C**
**DN9C
& 20C**
Electrical features

Plugs and socket-outlets
for applications where low
voltage signals are combined
with high currents.

6 to 7 contacts

6 to 9 contacts
(DN9C)
and 6 to 20
contacts (DN20C)

Compact plug and
socket-outlet

6 to 12 contacts

6 to 24 contacts
(DSN24C) and 25
to 37 contacts
(DSN37C)

Current

5 to 10 A

16 to 25 A

5 to 10 A

25 to 30 A

Voltage

max. 500 VAC (1) / 130 VDC

 max. 415 VAC
/ 130 VDC

 max. 480 VAC
/ 130 VDC

Contacts

Silver-nickel butt-contacts with metal braid

Active parts protected
(with socket-outlet lid open)

IP2X

IP2X

IP2X

IP2X

Keying system (2)

6

5

3

from 2 (DN9C)
to 4 (DN20C)

Mechanical features

Automatic watertightness (3)

IP66/67

IP66/67

IP66/67

IP54/55

Watertightness
version with
self-closing lid

IP55

IP55

Wiring (terminals) to be ...

soldered

mechanical

soldered

mechanical

Casing in metal (4)

✓

✓

✓

Ambient temperature

-40 °C to +60 °C (for temperatures outside this range, please contact us)

Casing in polyester (5)

✓

✓

✓

Ambient temperature

-40 °C to +60 °C (for temperatures outside this range, please contact us)

(1) metal version: 415 V max

(2) allows discrimination between several different power supplies
(voltage, frequency, AC and DC current)

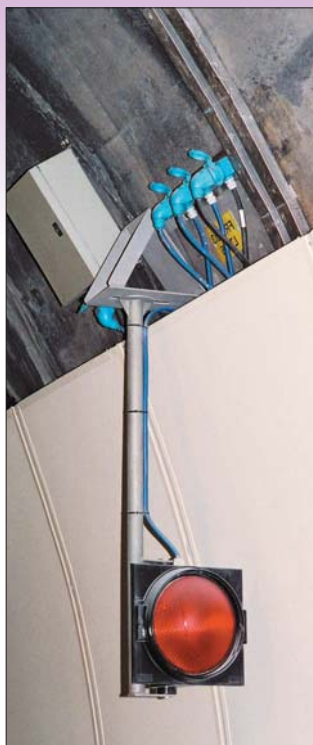
(3) achieved as soon as the plug is fully inserted into the socket-outlet or
when the socket lid is closed. No rings to turn.

(4) anti-corrosion treated metal providing high temperature resistance
and excellent mechanical resistance (IK09 impact resistance)

(5) glass fibre reinforced polyester providing excellent electric insulation,
high resistance to corrosive, UV and chemical agent environments and
high mechanical resistance (IK08 impact resistance)

Plugs and socket-outlets

6 to 12 contacts / 5 or 10 A



Main features:

- (socket-outlet) IP 54 or 66/67
- (socket-outlet + inlet) IP 54 or 66/67
- IK (poly/metal) 08/09
- Umax AC 500 V
- Wiring (min - max) flexible 1 / 1.5 mm²
- Wiring (min - max) stranded 1.5 / 2.5 mm²
- Keying positions 6



Socket-outlet (female)



IP55 socket-outlet with self-closing lid



Inlet (male)



Metal version

Main options



For use in **highly aggressive environments** and/or **intensive uses** (several thousand cycles), change the letter M for an L. The rated current will be 2 Amps.

Accessories



IP67 inlet cap

Poly version

Metal version

Polarity	U/I *	Part #	U/I *	Part #
6P	50/10	01 M4 060	50/10	09 M4 060
7P	50/5	01 M4 070	50/5	09 M4 070
8P	50/5	01 M4 080	50/5	09 M4 080
9P	50/5	01 M4 090	50/5	09 M4 090
10P	50/5	01 M4 100	50/5	09 M4 100
11P	50/5	01 M4 110	50/5	09 M4 110
12P	50/5	01 M4 120	50/5	09 M4 120
5P+E	500/10	01 M4 051	415/10	09 M4 051
6P+E	500/5	01 M4 061	415/5	09 M4 061
7P+E	500/5	01 M4 071	415/5	09 M4 071
8P+E	500/5	01 M4 081	415/5	09 M4 081
9P+E	500/5	01 M4 091	415/5	09 M4 091
10P+E	500/5	01 M4 101	415/5	09 M4 101
11P+E	500/5	01 M4 111	415/5	09 M4 111

* Maximum voltage (V) / Rated current (A)

Version with self-closing lid (IP55):

Choose from the part numbers above and change letter M for a T.

Socket-outlet options

Reversed interior and contacts	Socket # + 001
Self-returning lid *	Socket # + R
180°-opening lid	Socket # + 10
180°-opening and self-returning lid *	Socket # + 18
Padlocking (padlock 4 mm Ø) without shaft *	Socket # + 843
Locking by triangular screw *	Socket # + 22

* except for IP55 version

Poly version

Metal version

Polarity	U/I *	Part #	U/I *	Part #
6P	50/10	01 M8 060	50/10	09 M8 060
7P	50/5	01 M8 070	50/5	09 M8 070
8P	50/5	01 M8 080	50/5	09 M8 080
9P	50/5	01 M8 090	50/5	09 M8 090
10P	50/5	01 M8 100	50/5	09 M8 100
11P	50/5	01 M8 110	50/5	09 M8 110
12P	50/5	01 M8 120	50/5	09 M8 120
5P+E	500/10	01 M8 051	415/10	09 M8 051
6P+E	500/5	01 M8 061	415/5	09 M8 061
7P+E	500/5	01 M8 071	415/5	09 M8 071
8P+E	500/5	01 M8 081	415/5	09 M8 081
9P+E	500/5	01 M8 091	415/5	09 M8 091
10P+E	500/5	01 M8 101	415/5	09 M8 101
11P+E	500/5	01 M8 111	415/5	09 M8 111

* Maximum voltage (V) / Rated current (A)

Inlet options

Reversed interior and contacts	Inlet # + 137
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Inlet accessories

IP 67 cap	01 NA 126
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If you want to equip a socket with two or more options: call us at +33 (0) 1 45 11 60 00.

Also see:

Full range of boxes page 86

Dimensions page 68

Technical Manual page 150

Installation accessories

B Box

					
	Wall box poly 30°	Wall box straight metal	Wall box straight poly	Wall box poly 70°	Wall box metal + metal sleeve 45°
Entry					
M20	01 NA 053	09 NA 055	01 NA 055	51 AA 058	09 NA 653
M25				51 AA 058	09 NA 653 418
M32				51 AA 058	09 NA 653 419

The boxes are supplied without any cable gland. The 70° boxes are not drilled (drilled at extra cost)

Si Sleeve

				
	Inclined poly 30°	Inclined metal 30°	Inclined poly 70°	Inclined metal 45°
	01 NA 027	09 NA 027	51 AA 757	09 2A 027

H Handle

					
	Straight poly	Angled poly	Straight poly with poly cable gland	Straight metal with metal cable gland	Straight poly flowerpot with metric threaded entry *
Cable dia.			Cable dia.	Cable dia.	Entry
8 - 18 mm	01 NA 013	01 NA 313	6 - 12 mm 01 NA 753	6 - 12 mm 09 NA 963	M20 01 NA 253 417
5 - 21 mm	61 1A 413		13 - 18 mm 01 NA 253 25P	10 - 18 mm 09 NA 953 25M	M25 01 NA 253 418
			18 - 25 mm 01 NA 253 32P	16 - 24 mm 09 NA 953 32M	M32 01 NA 253 419

Handle for flat or steel armoured cables on request (see zoom below).

* Cable gland on request.



Our solutions for flat or steel armoured cables

You need a handle designed for flat or steel armoured cables?
Call us at 01 45 11 60 00.



Handle for flat cables

DSN24C Plugs and socket-outlets

13 to 24 contacts / 5 A

Multicontact



Main features:

- (socket-outlet) IP
- (socket-outlet + inlet) IP
- IK (poly)
- Umax AC

66/67
66/67
08
415 V

- Wiring (min - max) flexible
- Wiring (min - max) stranded
- Keying positions

1 / 1.5 mm²
1.5 / 2.5 mm²
3



Socket-outlet (female)



Inlet (male)



Main options



Device for self-ejecting coupler socket / plug*

* See Operating Instruction on page 168



Padlocking shaft
(Padlock not supplied)



Stop button

For use in **highly aggressive environments** and/or **intensive uses** (several thousand cycles), change the figure 0 for an L. The rated current will be 2 Amps.

Accessories



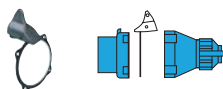
IP67 Inlet cap



Self-closing lid for inlet



Closing mechanism
(finger draw plates sold per unit)



Ejecting mechanism (shark fin)



Tension cord

Polarity	U/I *	Material	Part #
13P	50/5	Poly	61 04 130
14P	50/5	Poly	61 04 140
15P	50/5	Poly	61 04 150
16P	50/5	Poly	61 04 160
17P	50/5	Poly	61 04 170
18P	50/5	Poly	61 04 180
19P	50/5	Poly	61 04 190
20P	50/5	Poly	61 04 200
21P	50/5	Poly	61 04 210
22P	50/5	Poly	61 04 220
23P	50/5	Poly	61 04 230
24P	50/5	Poly	61 04 240
13P+E	415/5	Poly	61 04 131
14P+E	415/5	Poly	61 04 141
15P+E	415/5	Poly	61 04 151
16P+E	415/5	Poly	61 04 161
17P+E	415/5	Poly	61 04 171
18P+E	415/5	Poly	61 04 181
19P+E	415/5	Poly	61 04 191
20P+E	415/5	Poly	61 04 201
21P+E	415/5	Poly	61 04 211
22P+E	415/5	Poly	61 04 221
23P+E	415/5	Poly	61 04 231

* Maximum voltage (V) / Rated current (A)

Socket-outlet options

Device for self-ejecting coupler socket	Socket # + 354
Device for self-ejecting plug	Socket # + 352
Self-returning lid	Socket # + R
180°-opening lid	Socket # + 10
180°-opening and self-returning lid	Socket # + 18
Padlocking shaft for 1 padlock 3 mm Ø	Socket # + 840
Padlocking shaft up to 3 padlocks 3 mm Ø	Socket # + 844
Stop button	Socket # + 453

Socket-outlet accessories

Closing mechanism (finger draw plate)	61 3A 346
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Polarity	U/I *	Material	Part #
13P	50/5	Poly	61 08 130
14P	50/5	Poly	61 08 140
15P	50/5	Poly	61 08 150
16P	50/5	Poly	61 08 160
17P	50/5	Poly	61 08 170
18P	50/5	Poly	61 08 180
19P	50/5	Poly	61 08 190
20P	50/5	Poly	61 08 200
21P	50/5	Poly	61 08 210
22P	50/5	Poly	61 08 220
23P	50/5	Poly	61 08 230
24P	50/5	Poly	61 08 240
13P+E	415/5	Poly	61 08 131
14P+E	415/5	Poly	61 08 141
15P+E	415/5	Poly	61 08 151
16P+E	415/5	Poly	61 08 161
17P+E	415/5	Poly	61 08 171
18P+E	415/5	Poly	61 08 181
19P+E	415/5	Poly	61 08 191
20P+E	415/5	Poly	61 08 201
21P+E	415/5	Poly	61 08 211
22P+E	415/5	Poly	61 08 221
23P+E	415/5	Poly	61 08 231

* Maximum voltage (V) / Rated current (A)

Inlet accessories

IP67 cap	61 3A 126
Self-closing lid	31 1A 226
Closing mechanism (finger draw plate)	61 3A 346
Ejecting mechanism (shark fin)	61 3A 338
Tension cord	31 1A 336

If you want to equip a socket-outlet with two or more options: call us at +33 (0) 1 45 11 60 00.

Also see:

Full range of boxes page 86
 Dimensions page 28
 Technical Manual page 150

Installation accessories

B Box

						
	Wall box poly 30°	Wall box poly 70°	Wall box metal 30°	Wall box metal + poly sleeve 30°	Wall box metal + metal sleeve 30°	Wall box metal + straight metal sleeve
Entry						
M20	61 3A 053	51 BA 058	69 3A 053	61 3A 653	69 3A 653	69 3A 095
M25	61 3A 083	51 BA 058		61 3A 653 418	69 3A 653 418	69 3A 095 418
M32		51 BA 058		61 3A 653 419	69 3A 653 419	69 3A 095 419
M40				61 3A 653 420	69 3A 653 420	69 3A 095 420

The boxes are supplied without any cable gland. The 70° boxes are not drilled (drilled at extra cost).

Si Sleeve

				
	Inclined poly 30°	Inclined poly 70°	Straight metal	Inclined metal 30°
	61 3A 027	51 BA 757	69 3A 127	69 3A 027

H Handle

					
	Straight poly	Straight poly with poly cable gland	for ejection option *	Straight metal with metal cable gland	Straight poly flowerpot with metric threaded entry *
Cable dia.		Cable dia.		Cable dia.	Entry
5 - 21 mm	61 3A 013	6 - 12 mm 61 3A 753	61 3A 463	6 - 12 mm 61 3A 963	M20 61 3A 253 417
		13 - 18 mm 61 3A 253 25P	61 3A 443 25P	10 - 18 mm 61 3A 953 25M	M25 61 3A 253 418
		18 - 25 mm 61 3A 253 32P	61 3A 443 32P		M32 61 3A 253 419
		22 - 32 mm 61 3A 253 40P	61 3A 443 40P		M40 61 3A 253 420

Handle for flat or steel armoured cables on request.

* Handle with eyelet for tension cord

* Cable gland on request.

ZOOM


Wall boxes and 70° sleeves

These wall boxes are designed for:

- easy wiring, recommended for large conductor cross-sections (up to 5 x 35 mm²)
- entries and exits either at top, bottom or sides
- stock reduction, as the same wall box is common to several products

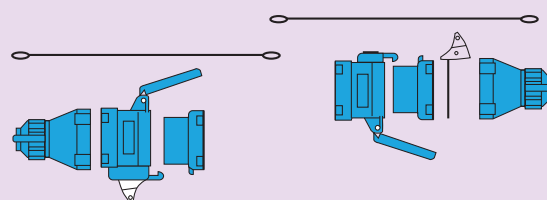
The sleeves are angled (70°) to reduce the socket-outlet protrusion and impact risk (fork lifts ...).

See full range of boxes on page 86

ZOOM

Self-ejection

Both DSN sockets and plugs can be modified for self-ejection purposes eg for use on vehicles, movable vessels, trailers etc.



See page 168 for guidance notes or contact us with your application for assistance.



Main features:

- (socket-outlet) IP
- (socket-outlet + inlet) IP
- IK (poly)
- Umax AC

66/67
66/67
08
415 V

- Wiring (min - max) flexible
- Wiring (min - max) stranded
- Keying positions

1 / 1.5 mm²
1.5 / 2.5 mm²
3



Socket-outlet (female)



Inlet (male)



Main options



Device for self-ejecting coupler socket / plug*

* See Operating Instruction on page 168



Padlocking shaft
(Padlock not supplied)



Stop button

For use in **highly aggressive environments** and/or **intensive uses** (several thousand cycles), change the figure 0 for an L. The rated current will be 2 Amps.

Accessories



IP67 Inlet cap



Self-closing lid for inlet



Ejecting mechanism (shark fin)



Tension cord

Polarity	U/I *	Material	Part #
25P	50/5	Poly	61 04 250
26P	50/5	Poly	61 04 260
27P	50/5	Poly	61 04 270
28P	50/5	Poly	61 04 280
29P	50/5	Poly	61 04 290
30P	50/5	Poly	61 04 300
31P	50/5	Poly	61 04 310
32P	50/5	Poly	61 04 320
33P	50/5	Poly	61 04 330
34P	50/5	Poly	61 04 340
35P	50/5	Poly	61 04 350
36P	50/5	Poly	61 04 360
37P	50/5	Poly	61 04 370
25P+E	415/5	Poly	61 04 251
26P+E	415/5	Poly	61 04 261
27P+E	415/5	Poly	61 04 271
28P+E	415/5	Poly	61 04 281
29P+E	415/5	Poly	61 04 291
30P+E	415/5	Poly	61 04 301
31P+E	415/5	Poly	61 04 311
32P+E	415/5	Poly	61 04 321
33P+E	415/5	Poly	61 04 331
34P+E	415/5	Poly	61 04 341
35P+E	415/5	Poly	61 04 351
36P+E	415/5	Poly	61 04 361

* Maximum voltage (V) / Rated current (A)

Socket-outlet options

Device for self-ejecting coupler socket	Socket # +	354
Self-returning lid	Socket # +	R
180°-opening lid	Socket # +	10
180°-opening and self-returning lid	Socket # +	18
Padlocking shaft for 1 padlock 3 mm Ø	Socket # +	840
Padlocking shaft up to 3 padlocks 3 mm Ø	Socket # +	844
Stop button	Socket # +	453

Polarity	U/I *	Material	Part #
25P	50/5	Poly	61 08 250
26P	50/5	Poly	61 08 260
27P	50/5	Poly	61 08 270
28P	50/5	Poly	61 08 280
29P	50/5	Poly	61 08 290
30P	50/5	Poly	61 08 300
31P	50/5	Poly	61 08 310
32P	50/5	Poly	61 08 320
33P	50/5	Poly	61 08 330
34P	50/5	Poly	61 08 340
35P	50/5	Poly	61 08 350
36P	50/5	Poly	61 08 360
37P	50/5	Poly	61 08 370
25P+E	415/5	Poly	61 08 251
26P+E	415/5	Poly	61 08 261
27P+E	415/5	Poly	61 08 271
28P+E	415/5	Poly	61 08 281
29P+E	415/5	Poly	61 08 291
30P+E	415/5	Poly	61 08 301
31P+E	415/5	Poly	61 08 311
32P+E	415/5	Poly	61 08 321
33P+E	415/5	Poly	61 08 331
34P+E	415/5	Poly	61 08 341
35P+E	415/5	Poly	61 08 351
36P+E	415/5	Poly	61 08 361

* Maximum voltage (V) / Rated current (A)

Inlet accessories

IP67 cap	61 6A 126
Self-closing lid	31 3A 226
Ejecting mechanism (shark fin)	61 6A 338
Tension cord	31 1A 336

If you want to equip a socket-outlet with two or more options:
call us at +33 (0) 1 45 11 60 00

Also see:

Full range of boxes page 86
Dimensions page 28
Technical Manual page 150

Installation accessories

B Box

							
	Wall box poly 30°	Wall box poly 70°	Wall box metal 30°	Wall box metal + poly sleeve 30°	Wall box metal + metal sleeve 30°	Wall box metal + straight metal sleeve	Wall box metal + metal sleeve 70°
Entry							
M20		51 CA 058		61 6A 653 417	69 6A 653 417	69 6A 095 417	87 3A 053 417
M25	61 6A 053	51 CA 058	69 6A 053	61 6A 653	69 6A 653	69 6A 095	87 3A 053
M32		51 CA 058		61 6A 653 419	69 6A 653 419	69 6A 095 419	87 3A 053 419
M40		51 CA 058		61 6A 653 420	69 6A 653 420	69 6A 095 420	87 3A 053 420

The boxes are supplied without any cable gland. The 70° boxes are not drilled (drilled at extra cost).

Si Sleeve

					
	Inclined poly 30°	Inclined poly 70°	Straight metal	Inclined metal 30°	Inclined metal 70°
	61 6A 027	51 CA 757	69 6A 127	69 6A 027	87 3A 087

ZOOM

**Handle with built-in
finger draw plate**

This straight handle is recommended for in-line connections.

H Handle

					
	Straight poly	Straight poly with poly cable gland	for ejection option *	Straight metal with metal cable gland	Straight poly flowerpot with metric threaded entry *
Cable dia.		Cable dia.		Cable dia.	Entry
10 - 30 mm	61 6A 013	6 - 12 mm 61 6A 253 20P	61 6A 443 20P	6 - 12 mm 61 6A 953 20M	M20 61 6A 253 417
10 - 30 mm	61 6A 473 *	13 - 18 mm 61 6A 753	61 6A 463	10 - 18 mm 61 6A 963	M25 61 6A 253 418
		18 - 25 mm 61 6A 253 32P	61 6A 443 32P	16 - 24 mm 61 6A 953 32M	M32 61 6A 253 419
		22 - 32 mm 61 6A 253 40P	61 6A 443 40P	22 - 32 mm 61 6A 953 40M	M40 61 6A 253 420

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

Handle for flat or steel armoured cables on request.

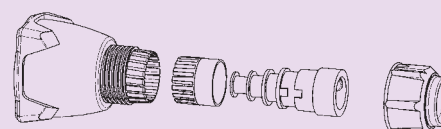
* Handle with eyelet for tension cord

* Cable gland on request.

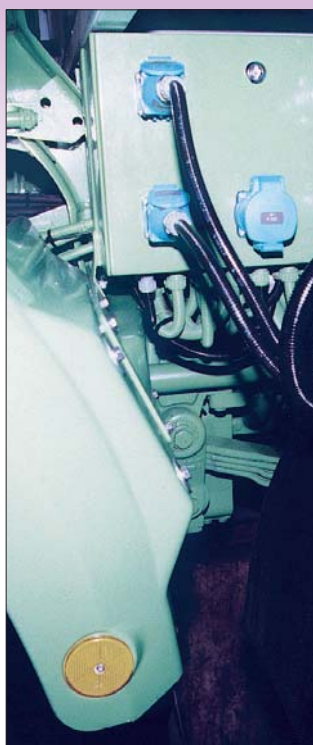


Perfect cable fit and broad tightening range

A special anchoring system provides a perfect cable fit and a broad tightening range (multi-layer bush to choose best cable fit).



Plugs and socket-outlets 6 to 7 contacts / 16 or 25 A



Main features:

• (socket-outlet) IP	54 or 66/67	• Wiring (min - max) flexible	1.5 / 4 mm ²
• (socket-outlet + inlet) IP	54 or 66/67	• Wiring (min - max) stranded	2.5 / 6 mm ²
• IK (poly/metal)	08/09	• Keying positions	5
• Umax AC	500 V		

S Socket-outlet (female)



I Inlet (male)



Main options



Reversed interior and contacts
(male socket-outlet)



Reversed interior and contacts
(female inlet) with IP54 cap



Padlocking
(left - Padlock not supplied)
or locking by triangular screw (right)

Accessories



IP67 inlet cap

Poly version

Metal version

Polarity	U/I *	Part #	U/I *	Part #
5P	50/25	01 P4 050	50/25	09 P4 050
6P	50/16	01 P4 060	50/16	09 P4 060
7P	50/16	01 P4 070	50/16	09 P4 070
4P+E	500/25	01 P4 041	415/25	09 P4 041
5P+E	500/16	01 P4 051	415/16	09 P4 051
6P+E	500/16	01 P4 061	415/16	09 P4 061

* Maximum voltage (V) / Rated current (A)

Version with self-closing lid (IP55):

Choose from the part numbers above and change letter P for an H.

Socket-outlet options

Reversed interior and contacts	Socket # + 001
Self-returning lid *	Socket # + R
180°-opening lid	Socket # + 10
180°-opening and self-returning lid *	Socket # + 18
Padlocking (padlock 4 mm Ø) without shaft *	Socket # + 843
Locking by triangular screw *	Socket # + 22

* except for IP55 version

Poly version

Metal version

Polarity	U/I *	Part #	U/I *	Part #
5P	50/25	01 P8 050	50/25	09 P8 050
6P	50/16	01 P8 060	50/16	09 P8 060
7P	50/16	01 P8 070	50/16	09 P8 070
4P+E	500/25	01 P8 041	415/25	09 P8 041
5P+E	500/16	01 P8 051	415/16	09 P8 051
6P+E	500/16	01 P8 061	415/16	09 P8 061

* Maximum voltage (V) / Rated current (A)

Inlet options

Reversed interior and contacts	Inlet # + 137
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Inlet accessories

IP67 cap	01 NA 126
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If you want to equip a socket with two or more options:
call us at +33 (0) 1 45 11 60 00.

Also see:

Full range of boxes page 86
 Dimensions page 68
 Technical Manual page 150

Installation accessories

B Box

					
	Wall box poly 30°	Wall box straight metal	Wall box straight poly	Wall box poly 70°	Wall box metal + metal sleeve 45°
Entry					
M20	01 NA 053	09 NA 055	01 NA 055	51 AA 058	09 NA 653
M25				51 AA 058	09 NA 653 418
M32				51 AA 058	09 NA 653 419

The boxes are supplied without any cable gland. The 70° boxes are not drilled (drilled at extra cost)

Si Sleeve

				
	Inclined poly 30°	Inclined metal 30°	Inclined poly 70°	Inclined metal 45°
	01 NA 027	09 NA 027	51 AA 757	09 2A 027

H Handle

					
	Straight poly	Angled poly	Straight poly with poly cable gland	Straight metal with metal cable gland	Straight poly flowerpot with metric threaded entry *
Cable dia.			Cable dia.	Cable dia.	Entry
8 - 18 mm	01 NA 013	01 NA 313	6 - 12 mm 01 NA 753	6 - 12 mm 09 NA 963	M20 01 NA 253 417
5 - 21 mm	61 1A 413		13 - 18 mm 01 NA 253 25P	10 - 18 mm 09 NA 953 25M	M25 01 NA 253 418
			18 - 25 mm 01 NA 253 32P	16 - 24 mm 09 NA 953 32M	M32 01 NA 253 419

Handle for flat or steel armoured cables on request (see zoom below).

** Cable gland on request.*



Our solutions for flat or steel armoured cables

You need a handle designed for flat or steel armoured cables?
 Call us at 01 45 11 60 00.



Handle for flat cables

Plugs and socket-outlets

6 to 9 contacts / 30 A



Main features:

• (socket-outlet) IP	55	• Wiring (min - max) flexible	1.5 / 6 mm ²
• (socket-outlet + inlet) IP	54	• Wiring (min - max) stranded	2.5 / 6 mm ²
• IK (Metal)	09	• Keying positions	2
• Umax AC	480 V		



Socket-outlet (female)



Inlet (male)



Main options



Device for self-ejecting coupler socket*



Device for self-ejecting plug*

* See Operating Instruction on page 168



Padlocking shaft
(Padlock not supplied)



Stop button

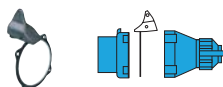


Rubber cover for metal latch

Accessories



IP54 Inlet cap



Ejecting mechanism (shark fin)



Tension cord

Polarity	U/I *	Material	Part #
6P	50/30	Metal	19 14 060
7P	50/30	Metal	19 14 070
8P	50/30	Metal	19 14 080
9P	50/30	Metal	19 14 090
5P+E	480/30	Metal	19 14 051
6P+E	480/30	Metal	19 14 061
7P+E	480/30	Metal	19 14 071
8P+E	480/30	Metal	19 14 081

* Maximum voltage (V) / Rated current (A)

Polarity	U/I *	Material	Part #
6P	50/30	Metal	19 18 060
7P	50/30	Metal	19 18 070
8P	50/30	Metal	19 18 080
9P	50/30	Metal	19 18 090
5P+E	480/30	Metal	19 18 051
6P+E	480/30	Metal	19 18 061
7P+E	480/30	Metal	19 18 071
8P+E	480/30	Metal	19 18 081

* Maximum voltage (V) / Rated current (A)

Socket-outlet options

With 2 auxiliary contacts (5 A)	Socket # + 312
With 4 auxiliary contacts (5 A)	Socket # + 264
Device for self-ejecting coupler socket	Socket # + 365
Device for self-ejecting plug	Socket # + R
Self-returning lid	Socket # + R
180° opening lid	Socket # + 10
180°-opening and self-returning lid	Socket # + 18
Padlocking shaft up to 3 padlocks 8 mm Ø	Socket # + 844
Stop button	Socket # + 453
Rubber cover for metal latch	Socket # + 834

Inlet options

With 2 auxiliary contacts (5 A)	Inlet # + 312
With 4 auxiliary contacts (5 A)	Inlet # + 264
Device for self-ejecting coupler socket	Inlet # + 204
Device for self-ejecting plug	Inlet # + 204

Inlet accessories

IP54 cap	19 1A 126
Ejecting mechanism (shark fin)	19 1A 338
Tension cord	31 1A 336

If you want to equip a socket-outlet or an inlet with two or more options: call us at +33 (0) 1 45 11 60 00.

Also see:

Full range of boxes page 86
 Dimensions page 60
 Technical Manual page 150

Installation accessories

B Box



Wall box
metal 30°



Wall box metal +
metal sleeve 70°



Wall box metal +
metal sleeve 30°



Wall box metal +
straight metal sleeve

Entry

Entry	19 1A 053	87 3A 053 417	19 1A 653	19 1A 095
M20				
M25		87 3A 053	19 1A 653 418	19 1A 095 418
M32		87 3A 053 419	19 1A 653 419	19 1A 095 419
M40		87 3A 053 420	19 1A 653 420	19 1A 095 420

The boxes are supplied without any cable gland..

Sl Sleeve



Inclined
metal 30°



Inclined
metal 70°



Straight
metal

19 1A 027	87 3A 087	19 1A 127
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ZOOM



**Handle with built-in
finger draw plate**

This straight handle is
recommended for in-line
connections.

H Handle



Straight
poly



Straight poly with
poly cable gland



for
ejection option *



Straight metal with
metal cable gland



Straight poly flowerpot
with metric threaded entry *

Cable dia.

10 - 30 mm	19 1A 013
10 - 30 mm	19 1A 473 *

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

Handle for flat or steel armoured cables
on request (see 'zoom' on page 79).

Cable dia.

6 - 12 mm	19 1A 753	19 1A 463
13 - 18 mm	19 1A 253 25P	19 1A 443 25P
18 - 25 mm	19 1A 253 32P	19 1A 443 32P
22 - 32 mm	19 1A 253 40P	19 1A 443 40P

* Handle with eyelet for tension cord

Cable dia.

6 - 12 mm	19 1A 963
10 - 18 mm	19 1A 953 25M
16 - 24 mm	19 1A 953 32M
22 - 32 mm	19 1A 953 40M

Entry

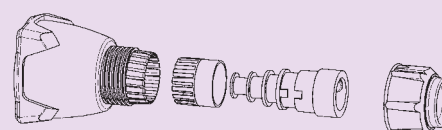
M20	19 1A 253 417
M25	19 1A 253 418
M32	19 1A 253 419
M40	19 1A 253 420

* Cable gland on request.



Perfect cable fit and broad tightening range

A special anchoring system provides a perfect cable fit and
a broad tightening range (multi-layer bush to choose best
cable fit).





Main features:

• (socket-outlet) IP	55	• Wiring (min - max) flexible	1.5 / 6 mm ²
• (socket-outlet + inlet) IP	54	• Wiring (min - max) stranded	2.5 / 6 mm ²
• IK (Metal)	09	• Keying positions	4
• Umax AC	480 V		



Socket-outlet (female)



Inlet (male)



Main options



Device for self-ejecting coupler socket*



Device for self-ejecting plug*

* See Operating Instruction on page 168



Padlocking shaft
(Padlock not supplied)



Stop button

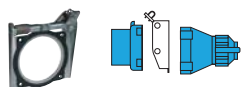


Rubber cover for metal latch

Accessories



IP54 Inlet cap



Ejecting mechanism (plug release cam)



Tension cord

Polarity	U/I *	Material	Part #
10P	50/25	Metal	19 64 100
11P	50/25	Metal	19 64 110
12P	50/25	Metal	19 64 120
13P	50/25	Metal	19 64 130
14P	50/25	Metal	19 64 140
15P	50/25	Metal	19 64 150
16P	50/25	Metal	19 64 160
17P	50/25	Metal	19 64 170
18P	50/25	Metal	19 64 180
19P	50/25	Metal	19 64 190
20P	50/25	Metal	19 64 200
9P+E	480/25	Metal	19 64 091
10P+E	480/25	Metal	19 64 101
11P+E	480/25	Metal	19 64 111
12P+E	480/25	Metal	19 64 121
13P+E	480/25	Metal	19 64 131
14P+E	480/25	Metal	19 64 141
15P+E	480/25	Metal	19 64 151
16P+E	480/25	Metal	19 64 161
17P+E	480/25	Metal	19 64 171
18P+E	480/25	Metal	19 64 181
19P+E	480/25	Metal	19 64 191

* Maximum voltage (V) / Rated current (A)

Socket-outlet options

Device for self-ejecting coupler socket	Socket # + 365
Device for self-ejecting plug	Socket # + R
Self-returning lid	Socket # + R
180° opening lid	Socket # + 10
180°-opening and self-returning lid	Socket # + 18
Padlocking shaft up to 3 padlocks 8mm Ø	Socket # + 844
Stop button	Socket # + 453
Rubber cover for metal latch	Socket # + 834

Socket-outlet accessories

Closing mechanism (draw lever)	19 6A 876
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Polarity	U/I *	Material	Part #
10P	50/25	Metal	19 68 100
11P	50/25	Metal	19 68 110
12P	50/25	Metal	19 68 120
13P	50/25	Metal	19 68 130
14P	50/25	Metal	19 68 140
15P	50/25	Metal	19 68 150
16P	50/25	Metal	19 68 160
17P	50/25	Metal	19 68 170
18P	50/25	Metal	19 68 180
19P	50/25	Metal	19 68 190
20P	50/25	Metal	19 68 200
9P+E	480/25	Metal	19 68 091
10P+E	480/25	Metal	19 68 101
11P+E	480/25	Metal	19 68 111
12P+E	480/25	Metal	19 68 121
13P+E	480/25	Metal	19 68 131
14P+E	480/25	Metal	19 68 141
15P+E	480/25	Metal	19 68 151
16P+E	480/25	Metal	19 68 161
17P+E	480/25	Metal	19 68 171
18P+E	480/25	Metal	19 68 181
19P+E	480/25	Metal	19 68 191

* Maximum voltage (V) / Rated current (A)

Inlet options

Device for self-ejecting coupler socket	Inlet # + 204
Device for self-ejecting plug	Inlet # + 204

Inlet accessories

IP 54 cap	19 6A 126
Closing mechanism (draw base)	19 6A 886
Ejecting mechanism (plug release cam)	19 6A 397
Tension cord	31 1A 336

If you want to equip a socket-outlet with two or more options:
call us at +33 (0) 1 45 11 60 00.

Also see:

Full range of boxes page 86
 Dimensions page 60
 Technical Manual page 150

Installation accessories

B Box

				
	Wall box metal + metal sleeve 20°	Wall box metal + metal sleeve 70°	Wall box metal + metal sleeve 30°	Wall box metal + straight metal sleeve
Entry				
M32		87 9A 053 419	19 6A 653 419	19 6A 095 419
M40	19 6A 053	87 9A 053 420	19 6A 653	19 6A 095 420
M50		87 9A 053	19 6A 653 429	19 6A 095
M63		87 9A 053 463	19 6A 653 463	19 6A 095 463

The boxes are supplied without any cable gland.

Si Sleeve

			
	Inclined metal 30°	Inclined metal 70°	Straight metal
	19 6A 027	87 9A 087	19 6A 127

H Handle

					
	Straight elastomere	Straight poly with metal cable gland	Straight poly with poly cable gland	Straight metal with metal cable gland	Straight poly flowerpot with metric threaded entry *
Cable dia.			Cable dia.	Cable dia.	Entry
18 - 25 mm	65 9A 013D25		34 - 44 mm 61 9A 253 63P	16 - 24 mm 19 6A 953 32M	M63 61 9A 253 463
25 - 35 mm	65 9A 013D35			22 - 32 mm 19 6A 963	* Cable gland on request.
34 - 49 mm		61 9A 253 63M		34 - 44 mm 19 6A 953 50M	
35 - 45 mm	65 9A 013D45				

Handle for flat or steel armoured cables on request (see 'zoom' below).



Our solutions for flat or steel armoured cables

You need a handle designed for flat or
 steel armoured cables?
 Call us at 01 45 11 60 00.



Handle for flat cables