

# Multicontact Plugs and socket-outlets

## *The range*

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

Spare parts: see pages 172, 174 and 175



Town equipment, emergency vehicles



Telephone line connections



Wastewater treatment

## *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.

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

## 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
<b>Rated current</b>								
5 A						<b>DSN24C</b>	<b>DSN37C</b>	
10 A	<b>PN12C</b>							
16 A								
25 A	<b>PN7C</b>					<b>DN20C</b>		
30 A								<b>DN9c</b>

**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 9 contacts (DN9c) and 6 to 20 contacts (DN20c)

Compact plug and socket-outlet	6 to 12 contacts	6 to 7 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 <small>version with self-closing lid</small>	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

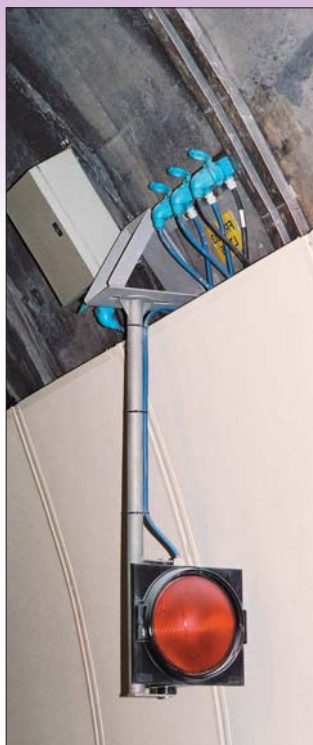
(2) allows discrimination between several different power supplies (voltage, frequency, AC and DC current)

(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 500V
- Wiring (min - max) flexible 1 / 1.5 mm<sup>2</sup>
- Wiring (min - max) stranded 1.5 / 2.5 mm<sup>2</sup>
- Keying positions 6

### S Socket-outlet (female)



IP55 socket-outlet with self-closing lid

### I Inlet (male)



Metal version

### 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)

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 <b>060</b>	50/10	09 M4 <b>060</b>
7P	50/5	01 M4 <b>070</b>	50/5	09 M4 <b>070</b>
8P	50/5	01 M4 <b>080</b>	50/5	09 M4 <b>080</b>
9P	50/5	01 M4 <b>090</b>	50/5	09 M4 <b>090</b>
10P	50/5	01 M4 <b>100</b>	50/5	09 M4 <b>100</b>
11P	50/5	01 M4 <b>110</b>	50/5	09 M4 <b>110</b>
12P	50/5	01 M4 <b>120</b>	50/5	09 M4 <b>120</b>
5P+E	500/10	01 M4 <b>051</b>	415/10	09 M4 <b>051</b>
6P+E	500/5	01 M4 <b>061</b>	415/5	09 M4 <b>061</b>
7P+E	500/5	01 M4 <b>071</b>	415/5	09 M4 <b>071</b>
8P+E	500/5	01 M4 <b>081</b>	415/5	09 M4 <b>081</b>
9P+E	500/5	01 M4 <b>091</b>	415/5	09 M4 <b>091</b>
10P+E	500/5	01 M4 <b>101</b>	415/5	09 M4 <b>101</b>
11P+E	500/5	01 M4 <b>111</b>	415/5	09 M4 <b>111</b>

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

#### Poly version

#### Metal version

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

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

\* except for IP55 version

#### Inlet options

Reversed interior and contacts	Inlet # + <b>137</b>
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#### Inlet accessories

IP67 cap	01 NA <b>126</b>
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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.

Advantages  
**PN12c - 5 / 10 A**  
 DSN24c - 5 A  
 DSN37c - 5 A  
 PN7c - 16/25 A  
 DN9c - 30 A  
 DN20c - 25 A





### Also see:






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

## Installation accessories

B	Box					
	Entry	01 NA 053	09 NA 055	01 NA 055	51 AA 058	09 NA 653
	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				
	Entry	01 NA 027	09 NA 027	51 AA 757	09 2A 027
		01 NA 027	09 NA 027	51 AA 757	09 2A 027

H	Handle					
	Cable dia.	01 NA 013	01 NA 313	01 NA 753	09 NA 963	01 NA 253
	8 - 18 mm	01 NA 013	01 NA 313	01 NA 753	09 NA 963	M20 01 NA 253 417
	5 - 21 mm	61 1A 413		01 NA 253 25P	09 NA 953 25M	M25 01 NA 253 418
				01 NA 253 32P	09 NA 953 32M	M32 01 NA 253 419

\* Cable gland on request.

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

# DSN24C Plugs and socket-outlets

## 13 to 24 contacts / 5 A

Multicontact



### Main features:

- (socket-outlet) IP 66/67
- (socket-outlet + inlet) IP 66/67
- IK (poly) 08
- Umax AC 415V
- Wiring (min - max) flexible 1 / 1.5 mm<sup>2</sup>
- Wiring (min - max) stranded 1.5 / 2.5 mm<sup>2</sup>
- Keying positions 3

## S Socket-outlet (female)



## I 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



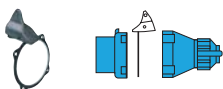
IP67 Inlet cap



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

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

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

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

### Socket-outlet options

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

### Socket-outlet accessories

Closing mechanism (finger draw plate)	61 3A <b>346</b>
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### Inlet accessories

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







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

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





### 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.	5 - 21 mm	Cable dia.		Cable dia.	Entry
		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 mm<sup>2</sup>)
- entries and exits either at top, bottom or sides
- stock reduction, as the same wall box is common to several products

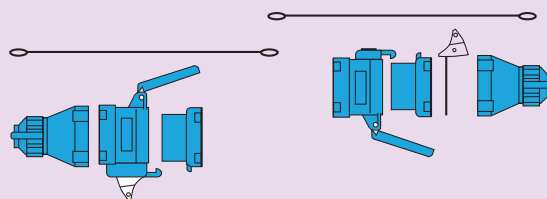
The sleeves are angled (70°) to reduce the socket-outlet protrusion and impact risk (fork lifts ...).

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 66/67
- (socket-outlet + inlet) IP 66/67
- IK (poly) 08
- Umax AC 415V
- Wiring (min - max) flexible 1 / 1.5 mm<sup>2</sup>
- Wiring (min - max) stranded 1.5 / 2.5 mm<sup>2</sup>
- Keying positions 3

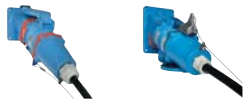
## S Socket-outlet (female)



## I 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.

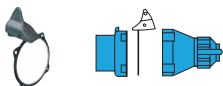
### Accessories



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

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

### Socket-outlet options

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

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

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

### Inlet accessories

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








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Advantages  
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**DSN37C - 5 A**  
 PN7C - 16 / 25 A  
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



### 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.

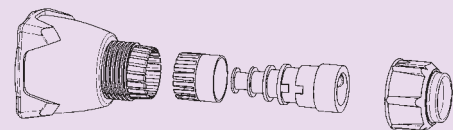
\* Handle with eyelet for tension cord

\* Cable gland on request.

### ZOOM

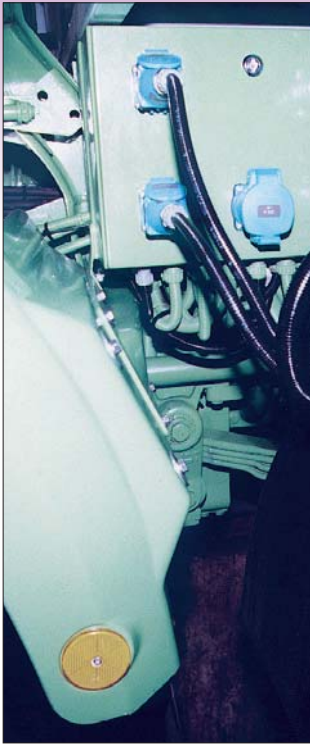
**Perfect cable fit and broad tightening range**

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

### S Socket-outlet (female)



### I Inlet (male)



### Main options



### Accessories



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

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

\* except for IP55 version

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

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

### Inlet options

Reversed interior and contacts	Inlet # + <b>137</b>
--------------------------------	----------------------

### Inlet accessories

IP67 cap	01 NA <b>126</b>
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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.

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





### 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 <sup>2</sup>
• (socket-outlet + inlet) IP	54	• Wiring (min - max) stranded	2.5 / 6 mm <sup>2</sup>
• IK (Metal)	09	• Keying positions	2
• U <sub>max</sub> AC	480 V		

## **S** Socket-outlet (female)



## **I** 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

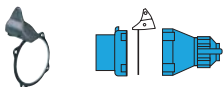


Rubber cover for metal latch

### Accessories



IP54 Inlet cap



Ejecting mechanism (shark fin)



Tension cord

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

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

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

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

### Socket-outlet options

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

### Inlet options

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

### Inlet accessories

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

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.

Advantages  
 PN12C - 5 / 10 A  
 DSN24C - 5 A  
 DSN37C - 5 A  
 PN7C - 16 / 25 A  
**DN9c - 30 A**  
 DN20c - 25 A

### 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	Wall box metal 30°	Wall box metal + metal sleeve 70°	Wall box metal + metal sleeve 30°	Wall box metal + straight metal sleeve
M20	19 1A 053	87 3A 053 417	19 1A 653	19 1A 095
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

### 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

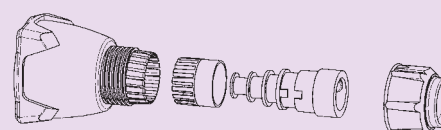
M20	19 1A 253 417
M25	19 1A 253 418
M32	19 1A 253 419
M40	19 1A 253 420

\* 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
- (socket-outlet + inlet) IP 54
- IK (Metal) 09
- U<sub>max</sub> AC 480 V
- Wiring (min - max) flexible 1.5 / 6 mm<sup>2</sup>
- Wiring (min - max) stranded 2.5 / 6 mm<sup>2</sup>
- Keying positions 4

## S Socket-outlet (female)



## I 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

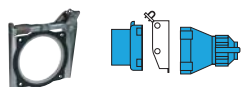


Rubber cover for metal latch

### Accessories



IP54 Inlet cap



Ejecting mechanism (plug release cam)



Tension cord

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

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

### Socket-outlet options

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

### Socket-outlet accessories

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

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

### Inlet options

Device for self-ejecting coupler socket	Inlet # + <b>204</b>
Device for self-ejecting plug	Inlet # + <b>204</b>

### Inlet accessories

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

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

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

### 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 <b>419</b>	19 6A 653 <b>419</b>	19 6A 095 <b>419</b>
M40	19 6A <b>053</b>	87 9A 053 <b>420</b>	19 6A <b>653</b>	19 6A 095 <b>420</b>
M50		87 9A <b>053</b>	19 6A 653 <b>429</b>	19 6A <b>095</b>
M63		87 9A 053 <b>463</b>	19 6A 653 <b>463</b>	19 6A 095 <b>463</b>

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.

18 - 25 mm	65 9A <b>013D25</b>
25 - 35 mm	65 9A <b>013D35</b>
34 - 49 mm	61 9A 253 <b>63M</b>
35 - 45 mm	65 9A <b>013D45</b>

#### Cable dia.

34 - 44 mm 61 9A 253 **63P**

#### Cable dia.

16 - 24 mm 19 6A 953 **32M**  
 22 - 32 mm 19 6A **963**  
 34 - 44 mm 19 6A 953 **50M**

#### Entry

M63 61 9A 253 **463**

\* Cable gland on request.

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