

DSN

DECONTACTOR™ *The range*

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Food processing



Chemical industry



Port facilities

And water treatment,
wood and paper
processing plants,
machines supplying on
construction sites ...

The only industrial plug and socket-outlet with an automatic IP66/67

With the DSN range, MARECHAL ELECTRIC provides the only plug and socket-outlet that remains watertight in every situation. Such watertightness is provided just by inserting the

plug and is maintained when you remove the plug from the socket-outlet and close the lid. There is no need to turn any sealing ring!



WWW.CABLEJOINTS.CO.UK
THORNE & DERRICK UK
TEL 0044 191 490 1547 FAX 0044 477 5371
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Electrical features

- From **20** to **63** Amps - Voltage up to 1 000 Volts AC and up to 250 Volts DC
- Integral switching device as defined in clause 2.8 of IEC / EN 60309-1 standard
- Equipped with silver-nickel butt-contacts and metallic braid for added reliability and lifetime
- Socket-outlet safety shutter provides **IP4X** protection
- Unique keying system allows discrimination between 24 different power supplies (*voltage, frequency, AC and DC current*)
- Number of cycles under normal operation and overload conditions from 2 to 8 times (*depending on rated current*) more than those required by IEC / EN 60309-1 standard
- Versions with 2 auxiliary contacts (*32A*) and 4 auxiliary contacts (*63A*)

Mechanical features

- IP66 and IP67 automatic watertightness as standard



Push the plug into the socket-outlet: a "click" indicates that connection has been established and that IP66/67 has been achieved.



Remove the plug from the socket-outlet and close the lid: the same "click" indicates that IP66/67 has been achieved.

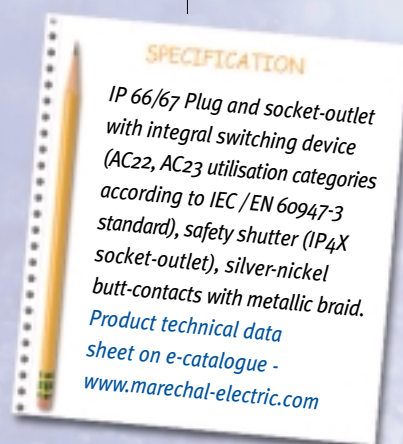
- Resistance to high pressure washing
- Casings made of glass fibre reinforced polyester providing excellent resistance:
 - to most chemicals and environmental conditions (*including UV and Gamma rays*)
 - to shocks (**IK08**) in a broad range of temperatures
- Ambient temperature: -25 °C to +40 °C (*for temperatures outside this range, please contact us*)
- Spring-assisted terminals unaffected by vibrations and thermal cycling
- Self-opening lid; self-returning lid on request

Regulatory features

DSN decontactors comply with:

- The **IEC 60309-1** International standard and **EN 60309-1** European standard (*plugs and socket-outlets for industrial purposes*),
- The European Low Voltage Directive (*decree N°95-1081 dated 3rd October 1995*),
- The French decree **N° 88-1056** dated 14th November 1988 relating to workers' protection,
- The decrees relating to workers' protection in Belgium, Spain and Italy,
- The load breaking capacity according to utilisation categories **AC 22** and **AC 23** of **IEC / EN 60947-3** (*switch standard*).

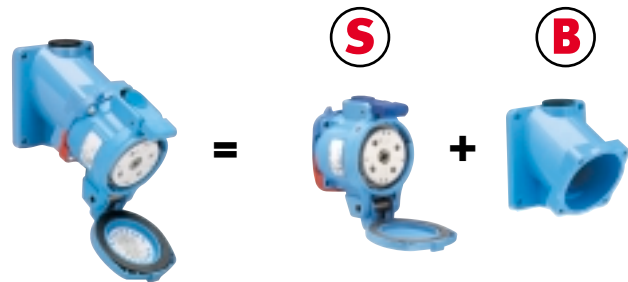
Also certified by **VERITAS LCIE**, **UL**, **AS** and **CSA** (*French, American, Australian and Canadian inspection laboratories*).





Marechal's modular system

DSN deconnectors meet the modularity system described on the Bookmark. Before consulting the 'part number' pages, determine the parts required for the needed configuration.



Example : a **wall mounting socket-outlet** includes an active part, the socket-outlet (female) and an installation accessory,

the **wall box**. Each part has its own part number. Therefore, the order should have **two part numbers**.

DSN part number system

- **Standard** DSN part numbers are made up of 7 characters. All part numbers start with a '6'.
- The choice of an **option** or a **version with auxiliary contacts** results in adding a suffix (from 1 to 3 characters).

1 st character	2 nd character	3 rd character	4 th character	Characters from 5 to 7		
Range	Casing	Rated current	Usage	Supply voltage**	Frequency	Polarity
6 = DSN	1 = Blue poly	1 = DSN1 (20 A)	4 = Socket-outlet	08A = 20 - 24 V	50 Hz	2P
	4 = Grey poly	3 = DSN3 (32 A)	8 = Inlet	035 = 110 - 130 V	50 Hz	1P+N+E
	5 = Black poly	6 = DSN6 (63 A)		033 = 190 - 230 V	50 Hz	3P+E
				015 = 220 - 250 V	50 Hz	1P+N+E
				013 = 380 - 440 V	50 Hz	3P+E
				017 = 380 - 440 V	50 Hz	3P+N+E
			A = Installation accessory	013 = Handle		
				027 = Inclined sleeve		
				053 = Wall box		

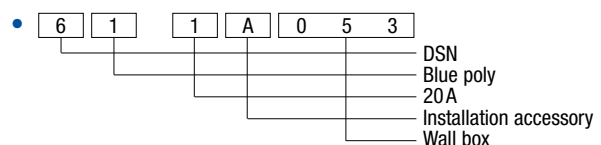
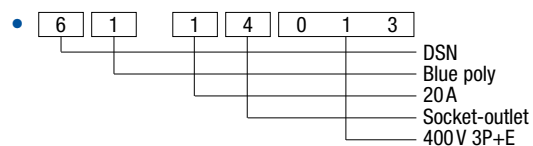
** 24 different power supplies (voltage, frequency) and 12 polarities are available: see international standard and colour-code on page 8

Check that the DSN part number meets the need ...

Example : the need is for a 20A, 400V, 3P+E blue poly wall mounting socket.

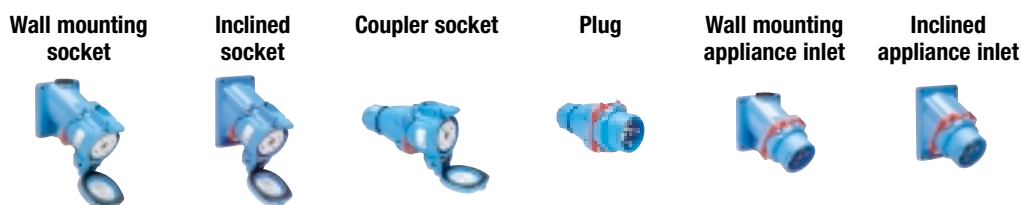
- The DSN with a 20A rated current is **DSN1** (see pages 22 and 23).
- Order a **20A socket-outlet (S)** and a **wall box (B)**.
- In the standard socket-outlet part number table, select the part number for a 400V, 3P+E socket-outlet: **61 14 013**
- In the standard wall box part number table, choose the accessory that suits you e.g. a 30° blue poly wall box with a M20 threaded entry: **61 1A 053**

You can check the two part numbers found:



The DSN core range

The following table describes the most frequent configurations. Take a look: if the required configuration is there, do not look further in the 'part number' pages. Each configuration includes two part numbers: one for the active part (*socket-outlet or inlet*) and one other for the installation accessory (*wall box, inclined sleeve or handle*).



Active part:	Socket-outlet	Socket-outlet	Socket-outlet	Inlet	Inlet	Inlet
+ installation accessory:	B Wall box	Si Inclined sleeve	H Handle	H Handle	B Wall box	Si Inclined sleeve

DSN₁ 20 A

Voltage	Polarity	Part Number					
230 V	1P+N+E	61 14 015	61 14 015	61 14 015	61 18 015	61 18 015	61 18 015
	+ installation accessory:	61 1A 053	61 1A 027	61 1A 013	61 1A 013	61 1A 053	61 1A 027
400 V	3P+E	61 14 013	61 14 013	61 14 013	61 18 013	61 18 013	61 18 013
	+ installation accessory:	61 1A 053	61 1A 027	61 1A 013	61 1A 013	61 1A 053	61 1A 027
400 V *	3P+N+E	61 14 017 *	61 14 017 *	61 14 017 *	61 18 017	61 18 017	61 18 017
	+ installation accessory:	61 1A 053	61 1A 027	61 1A 013	61 1A 013	61 1A 053	61 1A 027

Example described at bottom of previous page

DSN₃ 32 A

Voltage	Polarity	Part Number					
230 V	1P+N+E	61 34 015	61 34 015	61 34 015	61 38 015	61 38 015	61 38 015
	+ installation accessory:	61 3A 053	61 3A 027	61 3A 013	61 3A 013	61 3A 053	61 3A 027
400 V	3P+E	61 34 013	61 34 013	61 34 013	61 38 013	61 38 013	61 38 013
	+ installation accessory:	61 3A 053	61 3A 027	61 3A 013	61 3A 013	61 3A 053	61 3A 027
400 V *	3P+N+E	61 34 017 *	61 34 017 *	61 34 017 *	61 38 017	61 38 017	61 38 017
	+ installation accessory:	61 3A 053	61 3A 027	61 3A 013	61 3A 013	61 3A 053	61 3A 027

DSN₆ 63 A

Voltage	Polarity	Part Number					
230 V	1P+N+E	61 64 015	61 64 015	61 64 015	61 68 015	61 68 015	61 68 015
	+ installation accessory:	61 6A 053	61 6A 027	61 6A 013	61 6A 013	61 6A 053	61 6A 027
400 V	3P+E	61 64 013	61 64 013	61 64 013	61 68 013	61 68 013	61 68 013
	+ installation accessory:	61 6A 053	61 6A 027	61 6A 013	61 6A 013	61 6A 053	61 6A 027
400 V *	3P+N+E	61 64 017 *	61 64 017 *	61 64 017 *	61 68 017	61 68 017	61 68 017
	+ installation accessory:	61 6A 053	61 6A 027	61 6A 013	61 6A 013	61 6A 053	61 6A 027

* A dual voltage 230/400 V socket-outlet with 3P+N+E accepts a 400 V plug with 3P+N+E or 3P+E as well as a 230 V plug with 1P+N+E (see Bookmark).



Main features:

• (socket-outlet) IP	66/67	• Wiring (mini / maxi) flexible	1 / 2.5 mm ²
• (socket-outlet + inlet) IP	66/67	• Wiring (mini / maxi) stranded	1.5 / 4 mm ²
• IK	08	• Other wiring on request	
• U _{max}	500 V AC - 250 V DC	maxi flexible / stranded	10 / 16 mm ²

• Rated currents (IEC / EN 60309-1)	20 A / 400V	20 A / 500V
• Rated currents and operating voltages (load breaking capacity according to IEC / EN 60947-3)	20 A / 400V (AC23)	20 A / 500V (AC22)

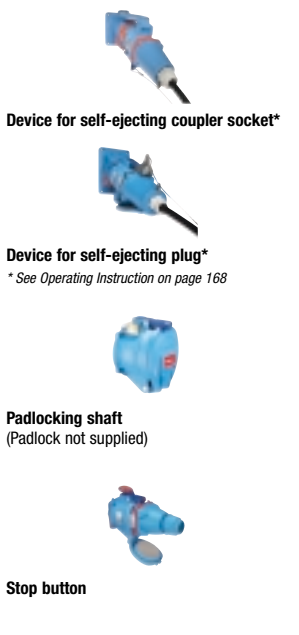
S Socket-outlet (female)



I Inlet (male)



Main options



Voltage	Polarity	Material	Part #
20 - 24 V	2P	Polyester	61 14 08A
110 - 130 V	1P+N+E	Polyester	61 14 035
190 - 230 V	3P+E	Polyester	61 14 033
220 - 250 V	1P+N+E	Polyester	61 14 015
380 - 440 V	3P+E	Polyester	61 14 013
Dual voltage*	3P+N+E	Polyester	61 14 017

Voltage	Polarity	Material	Part #
20 - 24 V	2P	Polyester	61 18 08A
110 - 130 V	1P+N+E	Polyester	61 18 035
190 - 230 V	3P+E	Polyester	61 18 033
220 - 250 V	1P+N+E	Polyester	61 18 015
380 - 440 V	3P+E	Polyester	61 18 013
380 - 440 V	3P+N+E	Polyester	61 18 017

* See Bookmark
Other voltages, polarities: see page 8

Version with self-closing lid (IP54): Please consult us

Socket-outlet options

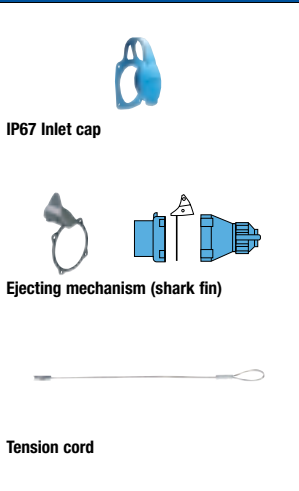
Device for self-ejecting coupler socket	Socket # + 354
Device for self-ejecting plug	Socket # + 352
Self-returning lid	Socket # + R
180°-opening lid	Socket # + 10
180°-opening and self-returning lid	Socket # + 18
Padlocking shaft for 1 padlock 3 mm Ø	Socket # + 840
Padlocking shaft up to 3 padlocks 3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

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

Inlet accessories

IP67 cap	61 1A 126
Ejecting mechanism (shark fin)	61 1A 338
Tension cord	31 1A 336

Accessories



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°

Entry

M20	61 1A 053	51 AA 058
M25		51 AA 058
M32		51 AA 058

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

H Handle



Straight
poly



Angled
poly

Tightening

8 - 15 mm	61 1A 013 *	
8 - 17 mm		01 NA 313

* Model with reinforced anchoring (5 - 21 mm): Ref. 61 1A 413

Si Sleeve



Inclined
poly 30°



Inclined
poly 70°

61 1A 027	51 AA 757
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Straight poly with
poly cable gland



for
ejection option



Straight poly flowerpot
with metric threaded entry*

Entry

Entry	Tightening	Entry
M20 61 1A 753	8 - 13 mm 61 1A 463	M20 61 1A 253 417
M25 61 1A 253 25P	13 - 19 mm 61 1A 443 25P	M25 61 1A 253 418
M32 61 1A 253 32P	17 - 25 mm 61 1A 443 32P	M32 61 1A 253 419

* Cable gland on request. Handle for flat or steel armoured cables on request.

A Industrial – Domestic adapters



Domestic socket-outlet 10/16A 230V
+ **Marechal** industrial inlet 1P+N+E

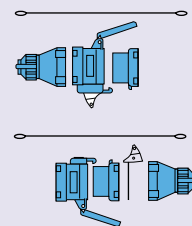
Type	Material	Part number
UK	Poly	61 18 015 D40 *
FR with safety shutter	Poly	61 18 015 D16

* All these domestic socket-outlets are available to foreign standards : replace D40 by D11 for France, D30 for Germany, D06 for Italy, D08 for Switzerland, D67 for Australia, D80 for USA etc



Self-ejection

To provide self-ejection to a coupler socket or to a plug, choose an appropriate device, offered as an option or accessory on the previous page. Various devices are offered depending on the DECONTACTOR™ rated current.



For more informations, see Technical Manual on page 168



Supply boxes for emergency vehicles

with self-ejecting coupler socket



See description on page 137



Main features:

• (socket-outlet) IP	66/67	• Wiring (mini / maxi) flexible	2.5 / 6 mm ²
• (socket-outlet + inlet) IP	66/67	• Wiring (mini / maxi) stranded	2.5 / 10 mm ²
• IK	08	• Other wiring on request	
• U _{max}	690 V AC - 250 V DC	maxi flexible / stranded	10 / 16 mm ²
• Rated currents (IEC / EN 60309-1)	32 A / 400V	32 A / 500V	32 A / 690V
• Rated currents and operating voltages (load breaking capacity according to IEC / EN 60947-3)	32 A / 400V (AC23)	32 A / 500V (AC22)	32 A / 690V (AC22)

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

Accessories



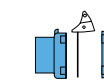
IP67 Inlet cap



Self-closing lid for inlet



Closing mechanism
(finger draw plates sold per unit)



Ejecting mechanism (shark fin)



Tension cord

Voltage	Polarity	Material	Part #
20 - 24 V	2P	Polyester	61 34 08A
110 - 130 V	1P+N+E	Polyester	61 34 035
190 - 230 V	3P+E	Polyester	61 34 033
220 - 250 V	1P+N+E	Polyester	61 34 015
380 - 440 V	3P+E	Polyester	61 34 013
Dual voltage*	3P+N+E	Polyester	61 34 017

* See Bookmark

Other voltages, polarities: see page 8

Socket-outlet (U_{max} 500V) with auxiliary contacts

With 2 auxiliary contacts (5A) Socket # + **972**

If you want to add an option to this kind of socket-outlet:
call us at +33 (0) 1 45 11 60 00.

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

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

Socket-outlet accessories

Closing mechanism (finger draw plate)	61 3A 346
---------------------------------------	------------------

Voltage	Polarity	Material	Part #
20 - 24 V	2P	Polyester	61 38 08A
110 - 130 V	1P+N+E	Polyester	61 18 035
190 - 230 V	3P+E	Polyester	61 38 033
220 - 250 V	1P+N+E	Polyester	61 38 015
380 - 440 V	3P+E	Polyester	61 38 013
380 - 440 V	3P+N+E	Polyester	61 38 017

Inlet (U_{max} 500V) with auxiliary contacts

With 2 auxiliary contacts (5A) Inlet # + **972**

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

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**
Tightening		Entry	Tightening	Tightening	Entry
5 - 21 mm	61 3A 013	M20 61 3A 753	8 - 13 mm 61 3A 463	6 - 13 mm 61 3A 963	M20 61 3A 253 417
		M25 61 3A 253 25P	13 - 19 mm 61 3A 443 25P	10 - 18 mm 61 3A 953 25M	M25 61 3A 253 418
		M32 61 3A 253 32P	17 - 25 mm 61 3A 443 32P		M32 61 3A 253 419
		M40 61 3A 253 40P	24 - 32 mm 61 3A 443 40P		M40 61 3A 253 420

* Handle with eyelet for tension cord ** Cable gland on request Handles for flat or steel armoured cables on request.

A Industrial – Domestic adapters



Domestic socket-outlet 10/16A 230V + **Marechal** industrial inlet 1P+N+E, 10 A 230 V fuse protection

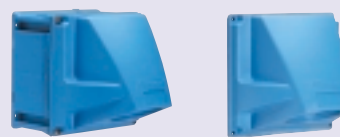
Type	Material	Part number
UK	Poly	61 38 015 D40 *
FR with safety shutter	Poly	61 38 015 D16

* All these domestic socket-outlets are available to foreign standards : replace D40 by D11 for France, D30 for Germany, D06 for Italy, D08 for Switzerland, D67 for Australia, D80 for USA etc

Supply boxes with self-ejecting coupler socket for emergency vehicles

See description on page 137

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 exit at bottom, top or crossing
- 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

DSN6 DECONTACTOR™

63A



Main features:

• (socket-outlet) IP	66/67	• U _{max}	1000 V AC - 250 V DC
• (socket-outlet + inlet) IP	66/67	• Wiring (mini / maxi) flexible	6 / 16 mm ²
• IK	08	• Wiring (mini / maxi) stranded	6 / 25 mm ²
• Rated currents (IEC / EN 60309-1)	63 A / 400V	63 A / 690V	45 A / 1000V
• Rated currents and operating voltages (load breaking capacity according to IEC / EN 60947-3)	63 A / 400V (AC23)	63 A / 690V (AC22)	- (-)

S Socket-outlet (female)



Version with auxiliary contacts

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

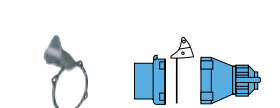
Accessories



IP67 Inlet cap



Self-closing lid for inlet



Ejecting mechanism (shark fin)



Tension cord

Voltage	Polarity	Material	Part #
20 - 24 V	2P	Polyester	61 64 08A
110 - 130 V	1P+N+E	Polyester	61 64 035
190 - 230 V	3P+E	Polyester	61 64 033
220 - 250 V	1P+N+E	Polyester	61 64 015
380 - 440 V	3P+E	Polyester	61 64 013
Dual voltage*	3P+N+E	Polyester	61 64 017

* See Bookmark

Other voltages, polarities: see page 8

Socket-outlet with auxiliary contacts

With 2 auxiliary contacts (5 A)	Socket # + 972
With 4 auxiliary contacts (5 A)	Socket # + 264

If you want to add an option to this kind of socket-outlet:
call us at +33 (0) 1 45 11 60 00.

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

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

Voltage	Polarity	Material	Part #
20 - 24 V	2P	Polyester	61 68 08A
110 - 130 V	1P+N+E	Polyester	61 68 035
190 - 230 V	3P+E	Polyester	61 68 033
220 - 250 V	1P+N+E	Polyester	61 68 015
380 - 440 V	3P+E	Polyester	61 68 013
380 - 440 V	3P+N+E	Polyester	61 68 017

Inlet with auxiliary contacts

With 2 auxiliary contacts (5 A)	Inlet # + 972
With 4 auxiliary contacts (5 A)	Inlet # + 264

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

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**
Tightening					
10 - 30mm	61 6A 013				
10 - 30mm	61 6A 473 *				
Entry					
M20	61 6A 253 20P	8 - 13mm	61 6A 443 20P	61 6A 953 20M	6 - 13mm M20
M25	61 6A 753	13 - 19mm	61 6A 463	61 6A 963	10 - 18mm M25
M32	61 6A 253 32P	17 - 25mm	61 6A 443 32P	61 6A 953 32M	16 - 24mm M32
M40	61 6A 253 40P	24 - 32mm	61 6A 443 40P	61 6A 953 40M	22 - 32mm M40

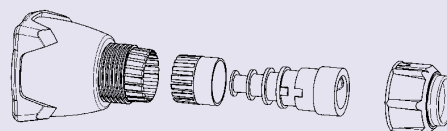
* With built-in finger draw plate (for in-line connections)

* Handle with eyelet for tension cord ** Cable gland on request Handles for flat or steel armoured cables on request



Perfect cable fit and broad tightening range

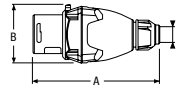
A special anchoring system provides a perfect cable fit and a broad tightening range (multilayer bushing to choose the best cable fitting ring).



DSN range dimensions

Socket-outlet + plug

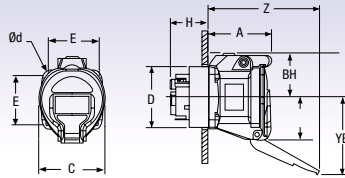
Plug



	A	B	Ø
DSN1	125	58	8-15
DSN3/DSN24C	145	68	5-21
DSN6/DSN37C	152	83	10-30

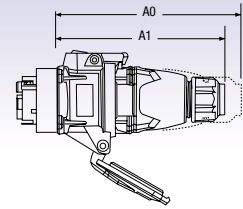
Socket-outlet

YB8: 180° OPENING LID



	A	BB	BH	C	D	E	H	YB	YB8	Z	Ød
DSN1	52.7	40	38	57	50.5	42	25	70		97.5	4.2
DSN3/DSN24C	66.2	53	50	73	58	48	15	98		113.6	4.5
DSN6/DSN37C	79.2	58.5	56	82	68	55.2	18	118	148	121	4.8

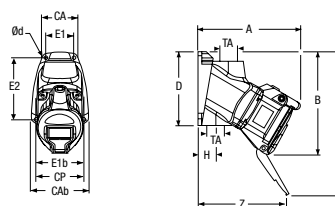
Plug connected (A1)/ disconnected (A0) in a socket-outlet



	A1	A0
DSN1	156	169
DSN3/DSN24C	169	186
DSN6/DSN37C	175	204

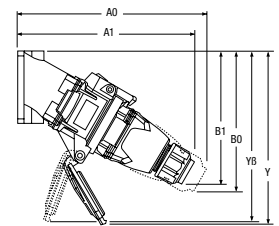
30° wall mounting socket

YB: 180° OPENING LID



	A	B	CA	CAa	CP	D	E1	E1b	E2	H	Y	YB	Z	Ød
DSN1	127	131	45	68	57	90	36	56	78	37.5	180	111	114	4.5
DSN3/DSN24C	138	132	84	84	73	107	70	70	70	17.5	200	105	114	6
DSN6/DSN37C	165	162	89	89	82	122	77	77	88	24	236	213	114	6.5

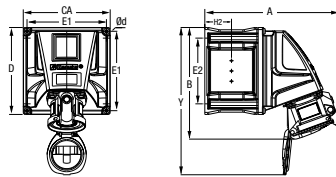
Plug connected (A1)/ disconnected (A0) in a 30° wall mounting socket



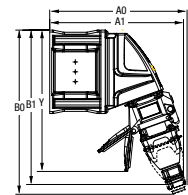
	A1	A0	B1	B0	Y	YB
DSN1	204	215	162	168	180	
DSN3/DSN24C	214	229	162	171	200	
DSN6/DSN37C	233	259	184	199	236	213

70° wall mounting socket

	A	B	CA	D	E1	E2	H2	Y	Ød
DSN1	197	163	127	127	116	96	39	215	6.5
DSN3/DSN24C	211	182	127	127	116	96	39	242	6.5
DSN6/DSN37C	236	225	170	170	159	139	39	295	6.5



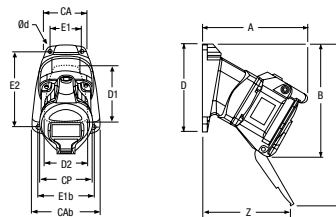
Plug connected (A1)/ disconnected (A0) in a 70° wall mounting socket



	A1	A0	B1	B0	Y
DSN1	204	209	235	250	215
DSN3/DSN24C	217	223	263	280	242
DSN6/DSN37C	245	253	331	338	295

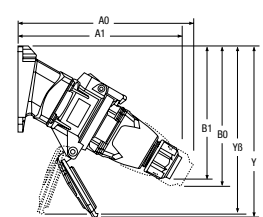
30° inclined socket

YB: 180° OPENING LID



	A	B	CA	CAa	CP	D	D1	D2	E1	E1b	E2	Y	YB	Z	Ød
DSN1	108	120	45	68	57	90	75	50	36	56	78	169	111	92	4.5
DSN3/DSN24C	119	141	76	76	73	107	65	95	63	63	95	209	105	86	5.5
DSN6/DSN37C	136	156	76	76	82	107	65	95	63	63	95	230	207	85	5.5

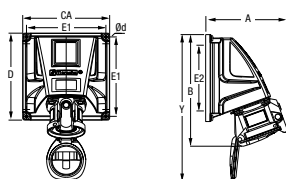
Plug connected (A1)/ disconnected (A0) in a 30° inclined socket



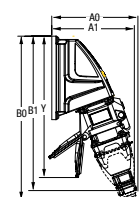
	A1	A0	B1	B0	Y	YB
DSN1	185	196	151	157	169	
DSN3/DSN24C	195	210	171	180	209	
DSN6/DSN37C	204	230	178	193	230	207

70° inclined socket

	A	B	CA	D	E1	E2	Y	Ød
DSN1	119	163	127	127	116	96	215	4.2
DSN3/DSN24C	133	182	127	127	116	96	242	4.2
DSN6/DSN37C	158	225	170	170	159	139	295	4.2



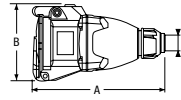
Plug connected (A1)/ disconnected (A0) in a 70° inclined socket



	A1	A0	B1	B0	Y
DSN1	126	131	235	250	215
DSN3/DSN24C	139	145	263	280	242
DSN6/DSN37C	167	175	331	338	295

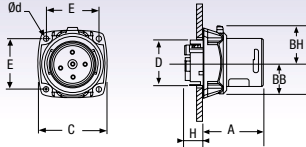
Coupler socket + inlet

Coupler socket



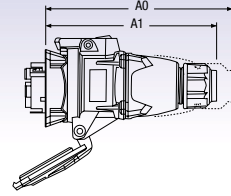
	A	B	Ø
DSN1	131	78	8-15
DSN3/DSN24C	162	103	5-21
DSN6/DSN37C	175	115	10-30

Inlet



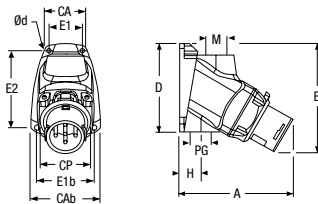
	A	BB	BH	C	D	E	H	Ød
DSN1	50	24	27	57	37	42	13.5	4.2
DSN3/DSN24C	50	32	36	67	58	48	13	4.5
DSN6/DSN37C	54	39	44	78	68	55.2	15	4.8

Coupler socket connected (A1)/ disconnected (A0) in an inlet



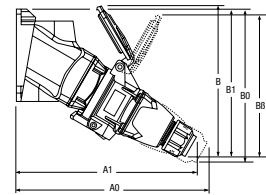
	A1	A0
DSN1	156	169
DSN3/DSN24C	169	186
DSN6/DSN37C	175	204

30° wall mounting appliance inlet



	A	B	CA	CAb	CP	D	E1	E1b	E2	H	Ød
DSN1	115	113	45	68	57	90	36	56	78	37.5	4.5
DSN3/DSN24C	112	105	84	84	67	107	70	70	70	17.5	6
DSN6/DSN37C	132	128	89	89	78	122	77	77	88	24	6.5

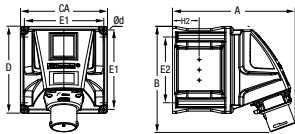
Coupler socket connected (A1)/ disconnected (A0) in a 30° wall mounting appliance inlet



BB: 180° OPENING LID

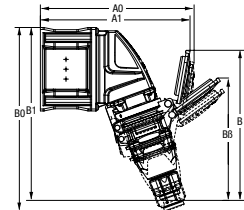
	A1	A0	B	B1	B0	BB
DSN1	204	215	162	162	168	
DSN3/DSN24C	214	229	209	162	171	
DSN6/DSN37C	233	259	235	184	199	213

70° wall mounting appliance inlet



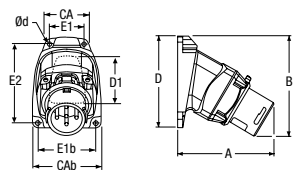
	A	B	CA	D	E1	E2	H2	Ød
DSN1	179	154	127	127	116	96	39	6.5
DSN3/DSN24C	184	160	127	127	116	96	39	6.5
DSN6/DSN37C	209	203	170	170	159	139	39	6.5

Coupler socket connected (A1)/ disconnected (A0) in a 70° wall mounting appliance inlet



	A1	A0	B	B1	B0	BB
DSN1	195	201	188	235	250	141
DSN3/DSN24C	228	234	228	263	280	164
DSN6/DSN37C	262	269	259	322	341	188

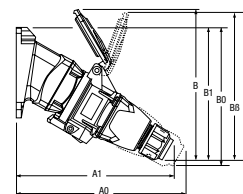
30° inclined appliance inlet



D1: drilling Ø

	A	B	CA	CAb	D	D1	E1	E1b	E2	Ød
DSN1	96	102	45	68	90	75	36	56	78	4.5
DSN3/DSN24C	93	114	76	76	107	65	63	63	95	5.5
DSN6/DSN37C	103	122	76	76	107	65	63	63	95	5.5

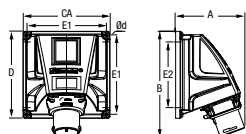
Coupler socket connected (A1)/ disconnected (A0) in a 30° inclined appliance inlet



BB: 180° OPENING LID

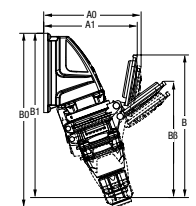
	A1	A0	B	B1	B0	BB
DSN1	185	196	162	151	157	
DSN3/DSN24C	195	210	209	171	180	
DSN6/DSN37C	204	230	235	178	193	213

70° inclined appliance inlet



	A	B	CA	D	E1	E2	Ød
DSN1	101	154	127	127	116	96	4.2
DSN3/DSN24C	106	160	127	127	116	96	4.2
DSN6/DSN37C	131	203	170	170	159	139	4.2

Coupler socket connected (A1)/ disconnected (A0) in a 70° inclined appliance inlet



	A1	A0	B	B1	B0	BB
DSN1	117	123	188	235	250	141
DSN3/DSN24C	150	156	228	263	280	164
DSN6/DSN37C	184	191	259	322	341	188