

DN

DECONTACTOR™

The range

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Power supply to generators



Iron and steel industry – metallurgy



Mining and quarries



Building sites

And supply to spotlights (movies, shows), stallholders, outdoor exhibitions, etc.

Specially designed for heavy-duty industries

Marechal started the DECONTACTOR™ in 1953 with the DN range. As the first industrial plug and socket-outlet equipped with an integral switching device, the DN is still the perfect heavy-duty solution: in its metal version, it offers great

resistance to mechanical shock, heat and chemical agents.

In addition, it withstands high overloads conditions. DN plugs and socket-outlets are designed to last more than 20 years in difficult environments.

Electrical features

- From **20** to **150** Amps - Voltage up to 500 Volts AC (*except DN9: 415 V*) and up to 130 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
- Active parts protected (*IP2X finger protection with open lid*)
- Unique keying system allows discrimination between 16 different power supplies (*voltage, frequency, AC and DC current*) except DN9: 4 different power supplies
- 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
- Version with 4 auxiliary contacts (*DN6: 90 A / 500 V*)

Mechanical features

- Automatic IP54 and IP55 watertightness as standard
- Casings made of glass fibre reinforced **polyester** (*20 A*) providing excellent electric insulation, high resistance to corrosive, UV and chemical agent environments and high mechanical resistance (*IK08 impact resistance*)
- Casings made of anti-corrosion treated **metal** (*20 to 150 A*) providing high temperature resistance and excellent mechanical resistance (*IK09 impact resistance*).
- Ambient temperature: **-40 °C to +60 °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

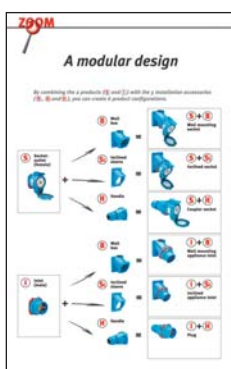
DN decontactors comply with:

- 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 category **AC 22** of **IEC / EN 60947-3** (*switch standard*).

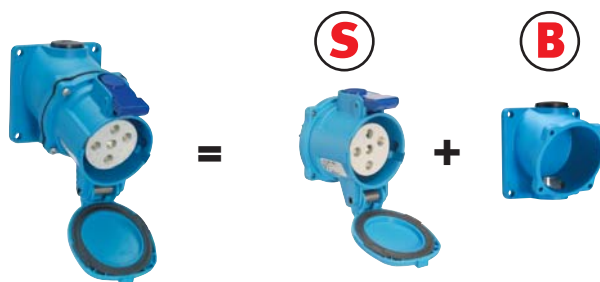




Marechal's modular system



DN decontactors meet the modularity system described on the front cover flap. 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**.

DN part number system

- **Standard** DN part numbers are made up of 7 characters. All part numbers start with a '1'.
- 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
1 = DN	1 = Blue poly	8 = DN8 (20 A)	4 = Socket-outlet	08A = 20 - 24 V	50 Hz	2P
	9 = Blue metal	1 = DN1 (30 A)	8 = Inlet	033 = 190 - 230 V	50 Hz	3P+E
		3 = DN3 (50 A)		015 = 220 - 250 V	50 Hz	1P+N+E
		6 = DN6 (90 A)		013 = 380 - 440 V	50 Hz	3P+E
		9 = DN9 (150 A)		017 = 380 - 440 V	50 Hz	3P+N+E
			A = Installation accessory	013 = Handle		
				027 = Inclined sleeve		
				053 = Wall box		

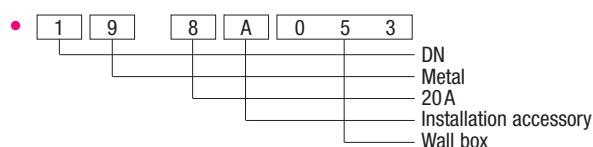
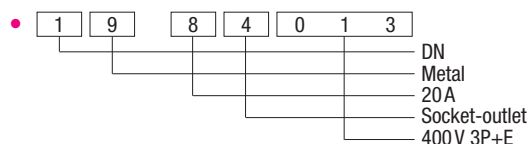
** 16 different power supplies (voltage, frequency) and 12 polarities are available: see international standard and colour-code on page 8

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

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

- The DN with a 20 A rated current is **DN8** (see pages 50 and 51).
- Order a **20 A socket-outlet (S)** and a **wall box (B)**.
- In the standard socket-outlet part number table, select the part number for a 400 V, 3P+E socket-outlet: **19 84 013**
- In the standard wall box part number table, choose the accessory that suits you e.g. a 30° metal wall box with a M20 threaded entry: **19 8A 053**

You can check the two part numbers found:



The DN 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*).

Wall mounting
socket



Inclined
socket



Coupler socket



Plug



Wall mounting
appliance inlet



Inclined
appliance inlet



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

DN8 20 A

Voltage Polarity Part Number



Finding a DN8 poly part number is easy!

The DN8 socket-outlets and inlets part numbers are those of the metal version.
To find the poly version part number, just change the 19 into 11 (1 = poly, 9 = metal).

230V	1P+N+E	19 84 015	19 84 015	19 84 015	19 88 015	19 88 015	19 88 015
+ installation accessory:		19 8A 053	19 8A 027	11 8A 013 (P)	11 8A 013 (P)	19 8A 053	19 8A 027
400V	3P+E	19 84 013	19 84 013	19 84 013	19 88 013	19 88 013	19 88 013
+ installation accessory:		19 8A 053	19 8A 027	11 8A 013 (P)	11 8A 013 (P)	19 8A 053	19 8A 027
400V *	3P+N+E	19 84 017 *	19 84 017 *	19 84 017 *	19 88 017	19 88 017	19 88 017
+ installation accessory:		19 8A 053	19 8A 027	11 8A 013 (P)	11 8A 013 (P)	19 8A 053	19 8A 027

Example described at bottom of previous page

(P) = poly

DN1 30 A

Voltage Polarity Part Number

230V	1P+N+E	19 14 015	19 14 015	19 14 015	19 18 015	19 18 015	19 18 015
+ installation accessory:		19 1A 053	19 1A 027	19 1A 013 (P)	19 1A 013 (P)	19 1A 053	19 1A 027
400V	3P+E	19 14 013	19 14 013	19 14 013	19 18 013	19 18 013	19 18 013
+ installation accessory:		19 1A 053	19 1A 027	19 1A 013 (P)	19 1A 013 (P)	19 1A 053	19 1A 027
400 V *	3P+N+E	19 14 017 *	19 14 017 *	19 14 017 *	19 18 017	19 18 017	19 18 017
+ installation accessory:		19 1A 053	19 1A 027	19 1A 013 (P)	19 1A 013 (P)	19 1A 053	19 1A 027

(P) = poly

DN3 50 A

Voltage Polarity Part Number

230V	1P+N+E	19 34 015	19 34 015	19 34 015	19 38 015	19 38 015	19 38 015
+ installation accessory:		19 3A 053	19 3A 027	19 3A 013 (P)	19 3A 013 (P)	19 3A 053	19 3A 027
400V	3P+E	19 34 013	19 34 013	19 34 013	19 38 013	19 38 013	19 38 013
+ installation accessory:		19 3A 053	19 3A 027	19 3A 013 (P)	19 3A 013 (P)	19 3A 053	19 3A 027
400V *	3P+N+E	19 34 017 *	19 34 017 *	19 34 017 *	19 38 017	19 38 017	19 38 017
+ installation accessory:		19 3A 053	19 3A 027	19 3A 013 (P)	19 3A 013 (P)	19 3A 053	19 3A 027

(P) = poly

DN6 90 A

Voltage Polarity Part Number

400V	3P+E	19 64 013	19 64 013	19 64 013	19 68 013	19 68 013	19 68 013
+ installation accessory:		19 6A 053	19 6A 027	65 9A 013 D35 (E)	65 9A 013 D35 (E)	19 6A 053	19 6A 027
400V *	3P+N+E	19 64 017 *	19 64 017 *	19 64 017 *	19 68 017	19 68 017	19 68 017
+ installation accessory:		19 6A 053	19 6A 027	65 9A 013 D35 (E)	65 9A 013 D35 (E)	19 6A 053	19 6A 027

(E) = elastomere

DN9 150 A

Voltage Polarity Part Number

400V	3P+E	19 94 013	19 94 013	19 94 013	19 98 013	19 98 013	19 98 013
+ installation accessory:		19 9A 053	19 9A 027	65 9A 013 D45 (E)	65 9A 013 D45 (E)	19 9A 053	19 9A 027

(E) = elastomere

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



Main features:

• (socket-outlet) IP	55	• U _{max}	500 V AC - 130 V DC
• (socket-outlet + inlet) IP	54	• Wiring (min – max) flexible	1 / 4 mm ²
• IK (poly / metal)	08/09	• Wiring (min – max) stranded	1.5 / 6 mm ²
• Rated currents (IEC / EN 60309-1)		20 A / 400 V	20 A / 500 V
• Rated currents and operating voltages (load breaking capacity according to IEC / EN 60947-3)		20 A / 400 V (AC22)	10 A / 500 V (AC22)

S Socket-outlet (female)



I Inlet (male)



Main options



Device for self-ejecting coupler socket*

* See Operating Instruction on page 168



Padlocking shaft
(Padlock not supplied)



Stop button



Rubber cover for poly / metal latch

Accessories



IP54 Inlet cap



Closing mechanism
(finger draw plates sold per unit)



Tension cord

Voltage	Polarity	Material	Part #
20 - 24 V	2P	Polyester	11 84 08A
		Metal	19 84 08A
190 - 230 V	3P+E	Polyester	11 84 033
		Metal	19 84 033
220 - 250 V	1P+N+E	Polyester	11 84 015
		Metal	19 84 015
380 - 440 V	3P+E	Polyester	11 84 013
		Metal	19 84 013
Dual voltage*	3P+N+E	Polyester	11 84 017
		Metal	19 84 017

* See front cover flap

Other voltages, polarities: see page 8

Socket-outlet options

Device for self-ejecting coupler socket	Socket # +	365
IP67 watertightness	Socket # +	677
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 polyester latch	Socket # +	833
Rubber cover for metal latch	Socket # +	834

Socket-outlet accessories

Closing mechanism (finger draw plate)	19 8A	346
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Voltage	Polarity	Material	Part #
20 - 24 V	2P	Polyester	11 88 08A
		Metal	19 88 08A
190 - 230 V	3P+E	Polyester	11 88 033
		Metal	19 88 033
220 - 250 V	1P+N+E	Polyester	11 88 015
		Metal	19 88 015
380 - 440 V	3P+E	Polyester	11 88 013
		Metal	19 88 013
380 - 440 V	3P+N+E	Polyester	11 88 017
		Metal	19 88 017

Inlet options

Device for self-ejecting coupler socket	Inlet # +	204
IP67 watertightness	Inlet # +	677

Inlet accessories

IP54 cap	19 8A	126
Closing mechanism (finger draw plate)	19 8A	346
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
poly 30°



Wall box
metal 30°



Wall box metal +
poly sleeve 30°



Wall box metal +
metal sleeve 30°



Wall box
poly 70°



Wall box metal +
straight metal sleeve

Entry

Entry	11 8A 053	19 8A 053	11 8A 653	19 8A 653	51 BA 058	19 8A 095
M20						
M25			11 8A 653 418	19 8A 653 418	51 BA 058	19 8A 095 418
M32			11 8A 653 419	19 8A 653 419	51 BA 058	19 8A 095 419
M40			11 8A 653 420	19 8A 653 420		19 8A 095 420

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

Sl

Sleeve



Inclined
poly 30°



Inclined
metal 30°



Inclined
poly 70°



Straight
metal

11 8A 027	19 8A 027	51 BA 757	19 8A 127
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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	11 8A 013
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Cable dia.

6 - 12 mm	19 8A 753	19 8A 463
13 - 18 mm	19 8A 253 25P	19 8A 443 25P
18 - 25 mm	19 8A 253 32P	19 8A 443 32P
22 - 32 mm	19 8A 253 40P	19 8A 443 40P

Cable dia.

6 - 12 mm	19 8A 963
10 - 18 mm	19 8A 953 25M

Entry

M20	19 8A 253 417
M25	19 8A 253 418
M32	19 8A 253 419
M40	19 8A 253 420

Handle for flat or steel armoured cables
on request (see 'zoom' on page 55).

* Handle with eyelet for tension cord

* Cable gland on request.

A

Industrial – Domestic adapters



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

Type	Material	Part number
UK	Poly	11 88 015 D40 *
	Metal	19 88 015 D40 *
FR with safety shutter	Poly	11 88 015 D16
	Metal	19 88 015 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



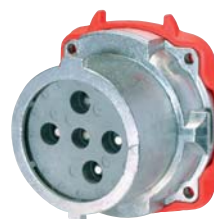
Main features:

• (socket-outlet) IP	55	• U _{max}	500 V AC - 130 V DC
• (socket-outlet + inlet) IP	54	• Wiring (min – max) flexible	2.5 / 6 mm ²
• IK (metal)	09	• Wiring (min – max) stranded	2.5 / 10 mm ²
• Rated currents (IEC / EN 60309-1)		30 A / 400 V	30 A / 500 V
• Rated currents and operating voltages (load breaking capacity according to IEC / EN 60947-3)		30 A / 400 V (AC22)	16 A / 500 V (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



Rubber cover for metal latch

Voltage	Polarity	Material	Part #
20 - 24 V	2P	Metal	19 14 08A
190 - 230 V	3P+E	Metal	19 14 033
220 - 250 V	1P+N+E	Metal	19 14 015
380 - 440 V	3P+E	Metal	19 14 013
Dual voltage*	3P+N+E	Metal	19 14 017

* See front cover flap

Other voltages, polarities: see page 8

Voltage	Polarity	Material	Part #
20 - 24 V	2P	Metal	19 18 08A
190 - 230 V	3P+E	Metal	19 18 033
220 - 250 V	1P+N+E	Metal	19 18 015
380 - 440 V	3P+E	Metal	19 18 013
380 - 440 V	3P+N+E	Metal	19 18 017

Socket-outlet options

Device for self-ejecting coupler socket	Socket # +	365
Device for self-ejecting plug	Socket # +	R
IP67 watertightness	Socket # +	677
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

Device for self-ejecting coupler socket	Inlet # +	204
Device for self-ejecting plug	Inlet # +	204
IP67 watertightness	Inlet # +	677

Inlet accessories

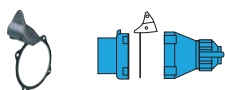
IP54 cap	19 1A 126
Ejecting mechanism (shark fin)	19 1A 338
Tension cord	31 1A 336

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.

Accessories



IP54 Inlet cap



Ejecting mechanism (shark fin)



Tension cord

Also see:

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.

Si 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 55).

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

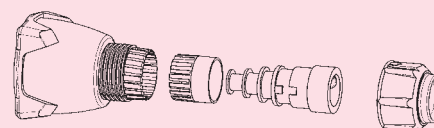
M20	19 1A 253 417
M25	19 1A 253 418
M32	19 1A 253 419
M40	19 1A 253 420

* 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).





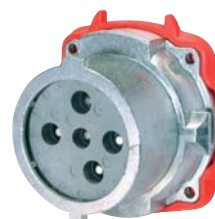
Main features:

• (socket-outlet) IP	55	• U _{max}	500 V AC - 130 V DC
• (socket-outlet + inlet) IP	54	• Wiring (min – max) flexible	4 / 10 mm ²
• IK (metal)	09	• Wiring (min – max) stranded	4 / 16 mm ²
• Rated currents (IEC / EN 60309-1)	50 A / 400V		50 A / 500V
• Rated currents and operating voltages (load breaking capacity according to IEC / EN 60947-3)	50 A / 400V (AC22)		32 A / 500V (AC22)

S Socket-outlet (female)



I Inlet (male)



Main options



Device for self-ejecting coupler socket*

* See Operating Instruction on page 168



Padlocking shaft
(Padlock not supplied)



Stop button



Rubber cover for metal latch

Voltage	Polarity	Material	Part #
20 - 24 V	2P	Metal	19 34 08A
190 - 230 V	3P+E	Metal	19 34 033
220 - 250 V	1P+N+E	Metal	19 34 015
380 - 440 V	3P+E	Metal	19 34 013
Dual voltage*	3P+N+E	Metal	19 34 017

* See front cover flap

Other voltages, polarities: see page 8

Voltage	Polarity	Material	Part #
20 - 24 V	2P	Metal	19 38 08A
190 - 230 V	3P+E	Metal	19 38 033
220 - 250 V	1P+N+E	Metal	19 38 015
380 - 440 V	3P+E	Metal	19 38 013
380 - 440 V	3P+N+E	Metal	19 38 017

Accessories



IP54 Inlet cap



Tension cord

Socket-outlet options

Device for self-ejecting coupler socket	Socket # +	365
IP67 watertightness	Socket # +	677
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

Device for self-ejecting coupler socket	Inlet # +	204
IP67 watertightness	Inlet # +	677

Inlet accessories

IP54 cap	19 3A	126
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:

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		87 6A 053 417	19 3A 653 417	19 3A 095 417
M25	19 3A 053	87 6A 053	19 3A 653	19 3A 095
M32		87 6A 053 419	19 3A 653 419	19 3A 095 419
M40		87 6A 053 420	19 3A 653 420	19 3A 095 420
M50		87 6A 053 429	19 3A 653 429	19 3A 095 429

The boxes are supplied without any cable gland.

Si Sleeve



Inclined metal 30°



Inclined metal 70°



Straight metal

19 3A 027	87 6A 087	19 3A 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.

13-35 mm	19 3A 013
13-35 mm	19 3A 473 *

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

Handle for flat or steel armoured cables on request.

Cable dia.

6-12 mm	19 3A 253 20P	19 3A 443 20P
13-18 mm	19 3A 753	19 3A 463
18-25 mm	19 3A 253 32P	19 3A 443 32P
22-32 mm	19 3A 253 40P	19 3A 443 40P

* Handle with eyelet for tension cord

Cable dia.

6-12 mm	19 3A 953 25M
10-18 mm	19 3A 963
16-24 mm	19 3A 953 32M
22-32 mm	19 3A 953 40M

Entry

M25	19 3A 253 417
M32	19 3A 253 418
M40	19 3A 253 419
M50	19 3A 253 420

* 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

DN6

DECONTACTOR™

90 A



Main features:

• (socket-outlet) IP	55	• U _{max}	500 V AC - 130 V DC
• (socket-outlet + inlet) IP	54	• Wiring (min – max) flexible	10 / 25 mm ²
• IK (metal)	09	• Wiring (min – max) stranded	10 / 35 mm ²
• Rated currents (IEC / EN 60309-1)		90 A / 400 V	90 A / 500 V
• Rated currents and operating voltages (load breaking capacity according to IEC / EN 60947-3)		90 A / 400 V (AC22)	63 A / 500 V (AC22)

S Socket-outlet (female)



I Inlet (male)



Version with
4 auxiliary contacts

20-24V deleted

Voltage	Polarity	Material	Part #
190 - 230 V	3P+E	Metal	19 64 033
220 - 250 V	1P+N+E	Metal	19 64 015
380 - 440 V	3P+E	Metal	19 64 013
Dual voltage*	3P+N+E	Metal	19 64 017

* See front cover flap
Other voltages, polarities: see page 8

Voltage	Polarity	Material	Part #
190 - 230 V	3P+E	Metal	19 68 033
220 - 250 V	1P+N+E	Metal	19 68 015
380 - 440 V	3P+E	Metal	19 68 013
380 - 440 V	3P+N+E	Metal	19 68 017

Socket-outlet with auxiliary contacts

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

This mechanical still offered in DN series

Socket-outlet options

Device for self-ejecting coupler socket	Socket # + 365
Device for self-ejecting plug	Socket # + R
IP67 watertightness	Socket # + 677
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

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 (draw lever)	19 6A 876
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Inlet with auxiliary contacts

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

Inlet options

Device for self-ejecting coupler socket	Inlet # + 204
Device for self-ejecting plug	Inlet # + 204
IP67 watertightness	Inlet # + 677

Inlet accessories

IP54 cap	19 6A 126
Closing mechanism (draw base)	19 6A 886
Ejecting mechanism (plug release cam)	19 6A 397
Tension cord	31 1A 336

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



Closing mechanism



Ejecting mechanism (plug release cam)



Tension cord

Also see:

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.

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

Cable dia.

34-44 mm	61 9A 253 63P
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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' on page 55).



Main features:

• (socket-outlet) IP	55	• Umax AC	415 V AC - 130 V DC
• (socket-outlet + inlet) IP	54	• Wiring (min – max) flexible	25 / 50 mm ²
• IK (metal)	09	• Wiring (min – max) stranded	35 / 70 mm ²
• Rated currents (IEC / EN 60309-1)			150 A / 400 V
• Rated currents and operating voltages (load breaking capacity according to IEC / EN 60947-3)			150 A / 400 V (AC22)

S Socket-outlet (female)

I Inlet (male)



20-24V deleted

Voltage	Polarity	Material	Part #
190 - 230 V	3P+E	Metal	19 94 033
380 - 440 V	3P+E	Metal	19 94 013

Other voltages, polarities: see page 8

Voltage	Polarity	Material	Part #
190 - 230 V	3P+E	Metal	19 98 033
380 - 440 V	3P+E	Metal	19 98 013

Main options


Device for self-ejecting coupler socket*


Device for self-ejecting plug*
* See Operating Instruction on page 168


Padlocking shaft
(Padlock not supplied)

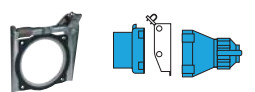

Stop button


Rubber cover for metal latch

Accessories


IP54 Inlet cap


Closing mechanism


Ejecting mechanism (plug release cam)


Tension cord

This mechanical still offered in DN series

Socket-outlet options

Device for self-ejecting coupler socket	Socket # +	365
Device for self-ejecting plug	Socket # +	R
IP67 watertightness	Socket # +	677
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

Socket-outlet accessories

Closing mechanism (draw lever)	19 9A 876
--------------------------------	-----------

Inlet options

Device for self-ejecting coupler socket	Inlet # +	204
Device for self-ejecting plug	Inlet # +	204
IP67 watertightness	Inlet # +	677

Inlet accessories

IP54 cap	19 9A 126
Closing mechanism (draw base)	19 9A 886
Ejecting mechanism (plug release cam)	19 9A 397
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:

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

Entrée

M32		87 9A 053 419	19 9A 653 419	19 9A 095 419
M40		87 9A 053 420	19 9A 653 420	19 9A 095 420
M50	19 9A 053	87 9A 053	19 9A 653	19 9A 095
M63		87 9A 053 463	19 9A 653 463	19 9A 095 463

The boxes are supplied without any cable gland.

Si Sleeve



Inclined
metal 30°



Inclined
metal 70°



Straight
metal

19 9A 027	87 9A 087	19 9A 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 013D25
25-35 mm	65 9A 013D35
34-49 mm	61 9A 253 63M
35-45 mm	65 9A 013D45

Cable dia.

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

Cable dia.

16-24 mm	19 9A 953 32M
22-32 mm	19 9A 953 40M
34-44 mm	19 9A 963
34-49 mm	19 9A 953 63M

Entry

M63	61 9A 253 463
-----	----------------------

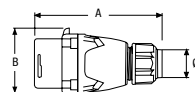
* Cable gland on request.

Handle for flat or steel armoured cables on request (see 'zoom' on page 55).

DN range dimensions

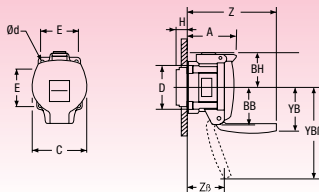
Socket-outlet + plug

Plug



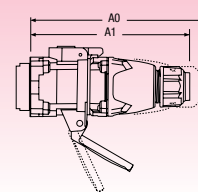
	A	B	Ø
DN8	140	69	5-21
DN1/DN9C	147	86	10-30
DN3/DN7C3	195	101	13-35
DN6/DN20C	215	121	25-45
DN9/DN7C6	215	121	25-45

Socket-outlet



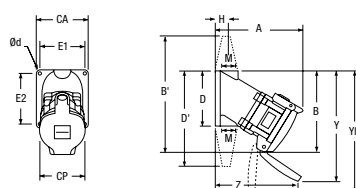
	A	BB	BH	C	D	E	H	YB	Z	Ød
DN8	67	48	42	64	58	48	12	86	100	5
DN1/DN9C	73	49	49	74	70	55	15	86	125	5
DN3/DN7C3	97	58	57	89	80	66	22	95	145	6
DN6/DN20C	110	67	65	112	100	81	24	108	195	6
DN9/DN7C6	110	67	65	112	100	81	24	108	195	6

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



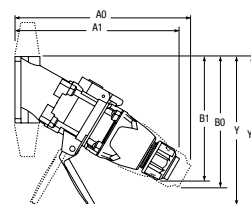
	A1	Ao
DN8	174	193
DN1/DN9C	174	193
DN3/DN7C3	212	242
DN6/DN20C	271	239
DN9/DN7C6	271	239

30° wall mounting socket



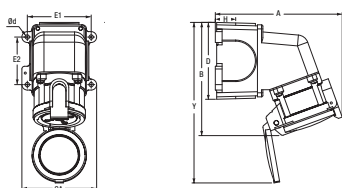
	A	B	B'	CA	CP	D	E1	E2	H	Y	Z	Ød
DN8 POLY	135	150		84	64	84	70	70	18	183	100	6
DN8 METAL	123	121		76	64	76	65	65	18	157	111	5.5
DN1/DN9C	141	138		85	74	85	72	72	22	173	144	6
DN3/DN7C3	177	160		87	89	107	84	84	24	195	169	6
DN6/DN20C	207	206		110	112	150	105	105	29	244	227	7
DN9/DN7C6	246	213	320	138	112	285	163	116	50	251	266	7

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



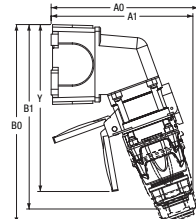
	A1	Ao	B1	B0	Y
DN8 POLY	208	223	159	167	183
DN8 METAL	198	213	143	151	157
DN1/DN9C	221	237	160	169	173
DN3/DN7C3	266	291	190	205	195
DN6/DN20C	337	310	249	233	244
DN9/DN7C6	376	349	256	240	251

70° wall mounting socket



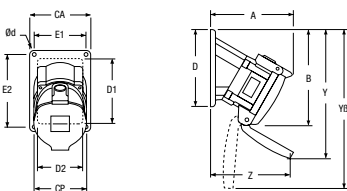
	A	B	CA	D	E1	E2	H2	Y	Ød
DN1	184	163	110	117	94	70	30	224	6.5
DN3	225	217	145	145	125	97	40	294	8.5
DN6/DN9	257	234	190	140	170	108	49	336	9

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



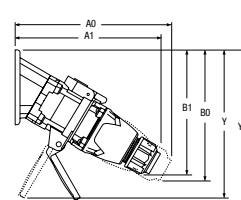
	A1	Ao	B1	B0	Y
DN1	208	212	265	284	230
DN3	239	248	320	348	294
DN6/DN9	276	284	365	396	337

30° inclined socket



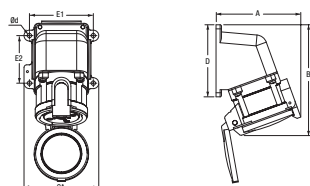
	A	B	CA	CP	D	D1	D2	E1	E2	Y	Z	Ød
DN8	116	159	76	64	107	65	95	63	95	192	81	5.5
DN1/DN9C	127	172	76	74	107	65	95	63	95	204	105	5.5
DN3/DN7C3	154	209	102	89	136	111	90	87	122	241	120	6.5
DN6/DN20C	195	237	140	112	142	110	100	124	124	273	182	7
DN9/DN7C6	195	237	140	112	142	110	100	124	124	273	182	7

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



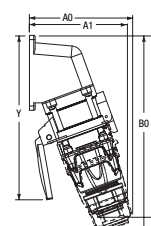
	A1	Ao	B1	B0	Y
DN8	189	204	168	176	192
DN1/DN9C	104	220	178	187	204
DN3/DN7C3	242	267	220	235	241
DN6/DN20C	323	296	255	239	273
DN9/DN7C6	323	296	255	239	273

70° inclined socket



	A	B	CA	D	E1	E2	Ød
DN1	122	160	77	106	63	95	5.5
DN3	147	213	102	145	87	122	6.5
DN6/DN9	162	232	190	140	124	124	9

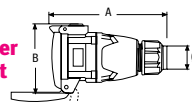
Plug connected (A1)/ disconnected (Ao) in a 70° inclined socket



	A1	Ao	B1	B0
DN1	145	143	263	278
DN3	344	170	316	270
DN6/DN9	181	189	364	395

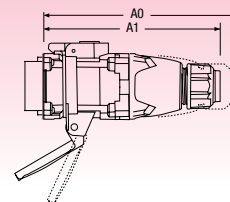
Coupler socket + inlet

Coupler socket



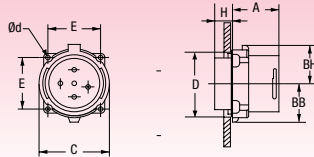
	A	B	Ø
DN8	162	90	5-21
DN1/DN9C	169	98	10-30
DN3/DN7C3	200	115	13-35
DN6/DN20C	224	132	25-45
DN9/DN7C6	224	132	25-45

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



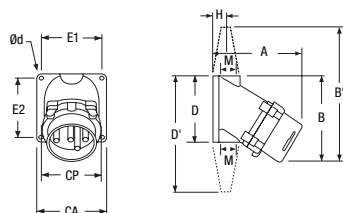
	A1	A0
DN8	162	180
DN1/DN9C	174	193
DN3/DN7C3	212	242
DN6/DN20C	271	239
DN9/DN7C6	271	239

Inlet



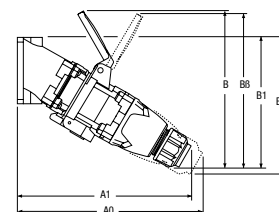
	A	BB	BH	C	D	E	H	Ød
DN8	45	33	36	68	58	48	12	5
DN1/DN9C	51	45	41	77	70	55	15	5
DN3/DN7C3	77	53	48	91	80	66	22	6
DN6/DN20C	89	64	57	110	100	81	25	6
DN9/DN7C6	89	64	57	110	100	81	25	6

30° wall mounting appliance inlet



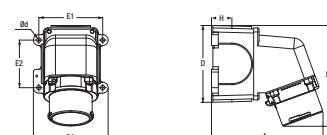
	A	B	B'	CA	CP	D	E1	E2	H	Ød
DN8 POLY	107	102		84	68	84	70	70	18	6
DN8 METAL	96	80		76	68	76	65	65	18	5.5
DN1/DN9C	114	94		85	77	85	72	72	22	6
DN3/DN7C3	151	116		87	91	107	84	84	24	6
DN6/DN20C	180	149		122	110	150	105	105	29	7
DN9/DN7C6	219	156	320	183	110	285	163	116	50	7

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



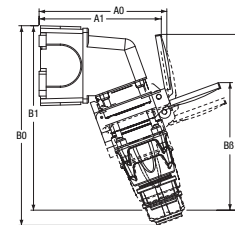
	A1	A0	B	B1	B0
DN8 POLY	208	223	192	159	167
DN8 METAL	198	213	192	143	151
DN1/DN9C	221	237	209	160	169
DN3/DN7C3	266	291	234	190	205
DN6/DN20C	337	310	285	249	233
DN9/DN7C6	376	349	285	256	240

70° wall mounting appliance inlet



	A	B	CA	D	E1	E2	H2	Ød
DN1	160	145	110	117	94	70	30	6.5
DN3	205	206	145	145	125	97	40	8.5
DN6/DN9	246	224	190	140	170	108	49	9

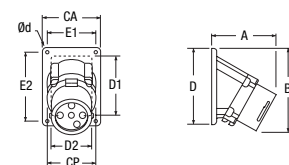
Coupler socket connected (A1)/disconnected (A0) in a 70° wall mounting appliance inlet



BB: 180° OPENING LID

	A1	A0	B	B1	B0	BB
DN1	195	202	244	267	282	218
DN3	233	249	286	320	340	250
DN6/DN9	245	281	292	337	390	315

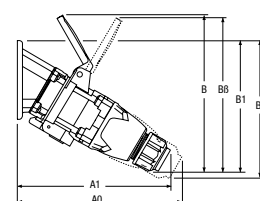
30° inclined appliance inlet



D1: drilling Ø

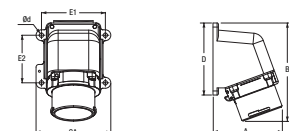
	A	B	CA	CP	D	D1	D2	E1	E2	Ød
DN8	88	111	76	68	107	65	95	63	95	5.5
DN1/DN9C	98	118	76	77	107	65	95	63	95	5.5
DN3/DN7C3	127	156	102	91	136	111	90	87	122	6.5
DN6/DN20C	167	166	140	110	142	110	100	124	124	7
DN9/DN7C6	167	166	140	110	142	110	100	124	124	7

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



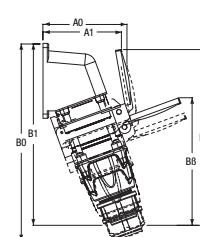
	A1	A0	B	B1	B0
DN8	189	204	192	168	176
DN1/DN9C	204	220	209	178	187
DN3/DN7C3	242	267	234	220	235
DN6/DN20C	323	296	285	255	239
DN9/DN7C6	323	296	285	255	239

70° inclined appliance inlet



	A	B	CA	D	E1	E2	Ød
DN1	100	140	77	106	63	95	5.5
DN3	126	203	102	145	87	122	6.5
DN6/DN9	151	223	190	140	124	124	9

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



	A1	A0	B1	B0
DN1	134	143	265	279
DN3	155	171	316	336
DN6/DN9	150	186	336	389