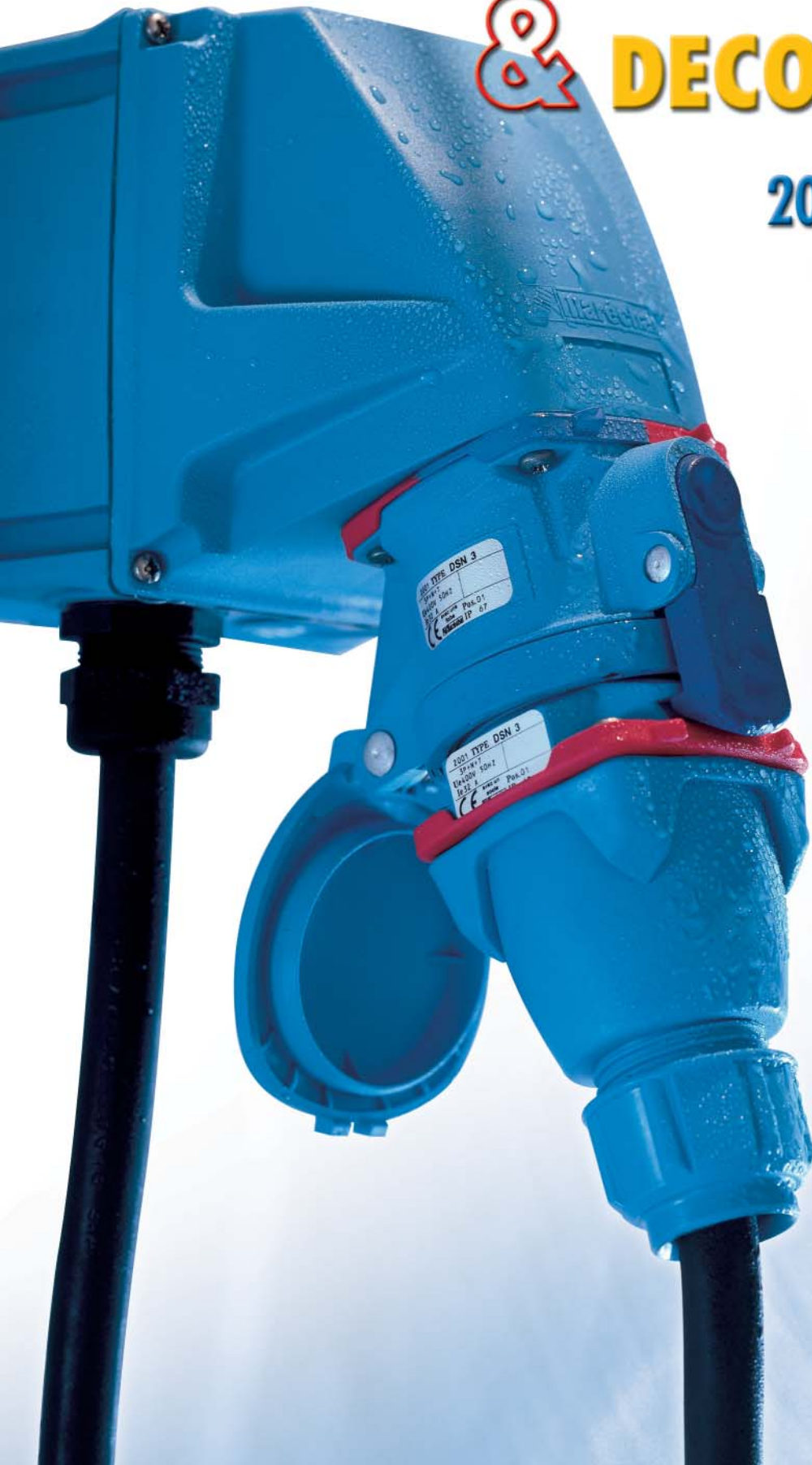


PLUGS & SOCKET-OUTLETS & DECONTACTORS

2002-2003 Catalogue



PLUGS & SOCKET-OUTLETS

CONTENTS

DSN DECONTACTORS

P-8

A watertight (IP67) and very compact range of combined plugs & socket-outlets and air-break switches - suitable even for highly inductive loads.

DS DECONTACTORS

P-13

A complete (up to 250A) and compact range of combined plugs & socket-outlets and air-break switches - suitable for mixed resistive and inductive loads.

DB DISBREAKERS

P-18

An IP67 air-break separable motor switch - specially designed to make and break highly inductive loads and harsh overloads in complete safety.

DN DECONTACTORS

P-21

A heavy duty metal range (up to 150A) of combined plugs & socket-outlets and air-break switches - suitable for mixed resistive and inductive loads.

PN PLUGS & SOCKET-OUTLETS

P-26

Compact and uniquely non-interchangeable plugs & socket-outlets - ideal for safety of dedicated power outlets.

Star delta 7 POLE PLUGS & SOCKET-OUTLETS AND DECONTACTORS

P-28

Combined plugs & socket-outlets and air-break switches - specially designed for feeding motors.

Multicontacts PLUGS & SOCKET-OUTLETS

P-31

Industrial duty, for use on control circuits, telephone and other communication networks.



DXN EXPLOSION PROOF DECONTACTORS Zone 1 & 2 and 21 & 22

P-36

A watertight (IP67) and very compact range of safety «ed» combined plugs & socket-outlets and air-break switches.

CCH BATTERY CHARGER CONNECTORS & **CS** WELDING CONNECTORS

P-40

For use where long life, low resistance connectors are required, such as fork lifts, emergency battery supplies and single pole applications.

PF HIGH CURRENT PLUGS & SOCKET-OUTLETS

P-43

A watertight (IP67) and heavy duty (IK10) range of plugs & socket-outlets for high currents (up to 600A).

Boxes

P-46

Dimensions

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Optional functions

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DECONTACTORS:

A BUILT-IN LOAD BREAKING CAPACITY



Decontactors are plugs & socket-outlets for industrial purposes, with an integral switching device as defined in clause 2.8 of IEC/EN 60309-1 standard. They can make and break mixed resistive and inductive loads in complete safety.

Furthermore, at their nominal rating, decontactors are air-break switches in AC22, AC23 or AC3 utilisation category depending on the series, according to IEC/EN 60947-3 standard. They can then make and break in overload conditions. Thanks to a Marechal patented system, a simple press on the socket latch breaks the circuit and the plug is then in the rest position.



EXCEPTIONAL RELIABILITY OF THE CONNECTION

Marechal decontactors are fitted with spring loaded butt contacts with silver-nickel tips. Silver guarantees high quality connections because it is not affected by oxidation and remains an excellent conductor even after years of intensive use.

The non loosening of conductors is guaranteed by spring assisted tightening terminals that apply constant pressure on conductors. During thermal cycling, any dimensional variation, due to the different expansion ratio of the various materials involved, will be overcome. This elastic tightening also eliminates the risks of loosening as a result of vibration.

TOTAL SAFETY FOR OPERATORS AND MACHINES

When a decontactor is disconnected (lid opened), its "total safety" shutter (except DN series) makes live contacts inaccessible to even a



1 mm wire (i.e. IP4X protection). When closed, the shutter prevents accidental access to live parts.

Furthermore, Marechal decontactors have generally 24 different possible keying positions, thus preventing unwanted connections between products having different voltages or applications.

Finally, their casings made of glassfibre-reinforced polyester make them very resistant to shocks, fire, chemical agents... as well as most extreme conditions of use.

To comply with CE Marking, only a  plug can be introduced into a  socket-outlet.

MEETING THE STANDARDS

Marechal decontactors comply with international standards:

- with IEC/EN 60309-1 for industrial plugs & socket-outlets,
- with IEC/EN 60947-3 for air-break switches.
- Furthermore, they have UL, VDE and CSA approvals.



STOCK AND MAINTENANCE

For maximum flexibility, a plug and socket-outlet system needs to be modular. This is one of the big advantages of Marechal products.

By assembling properly all constituent parts of a socket-outlet and plug body, it is possible to create 24 non-interchangeable voltage positions, 12 pin configurations and 8 different assemblies... that is to say a total of 2304 combinations. Furthermore, most of those elements are available as spare parts.

In addition to the savings on storage and maintenance, this modular design allows an immediate assembly of the exact plug & socket-outlet configuration you need.





MARECHAL ELECTRIC:

50 YEARS OF EXPERIENCE



Pioneer in the field of industrial electrical connection, Marechal Electric relies on efficient and recognised technology. Its key words are reliability, safety, modularity and simplicity. Those qualities are guaranteed by our policy of constant innovation.

A PERMANENT SPIRIT OF INNOVATION

Since its creation in 1953, Marechal Electric has kept its basic principle: innovation.

Almost 50 years of continual research and development has produced a range of Marechal decontactors which offers industry ever improving levels of product innovation and performance. Whatever the field of activity, the know-how and experience of Marechal Licensees reacts to critical requirements of big multinationals as well as to the specific needs of small and medium sized companies.

THE WARRANTY OF AN INTERNATIONAL STANDARDISATION

Unique in the world, Marechal technology is nevertheless available everywhere: manufactured under licence throughout the world, Marechal products have the same high quality whatever the country of origin.

ISO 9001 CERTIFICATION IS NOT AN ACCIDENT

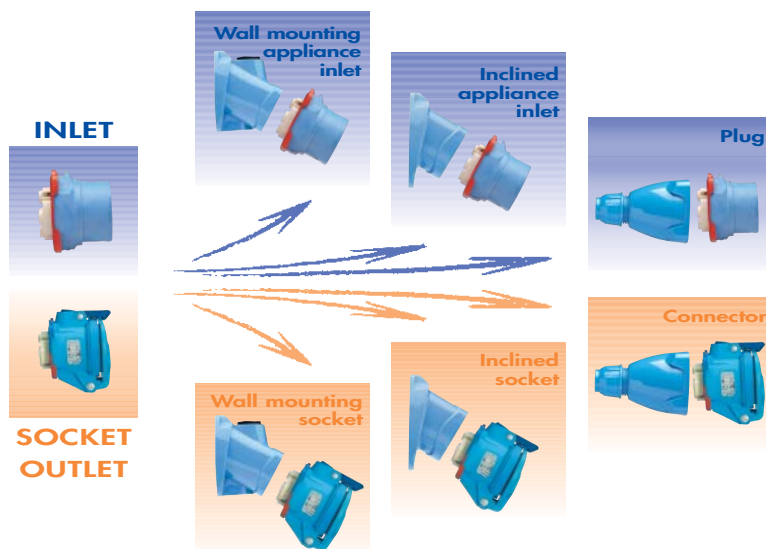
More than a label, this international reference rewards the continuous efforts of men and women of Marechal in the process of reaching the 'total quality'. This permanent search for total quality meets our first goal: to satisfy our customers.



ISO 9001

A RANGE OF PRODUCTS ADAPTED TO ALL INDUSTRIAL NEEDS

Food industry, civil works, water treatment, oil production, paper industries, power stations, chemical industries, glass industries, cement, ship building, mines, quarries, salt mines, tunnels, cranes, road tunnels, motorway lightings, exhibition centres, markets, forum halls, outdoor shows ...



MARECHAL:

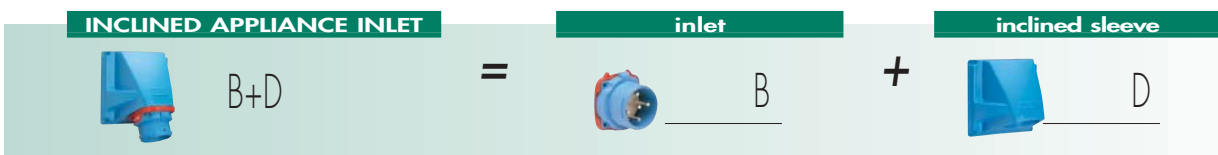
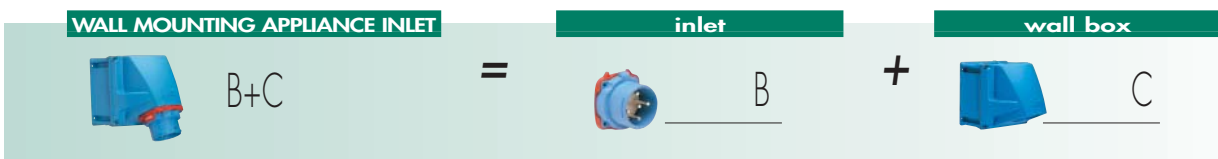
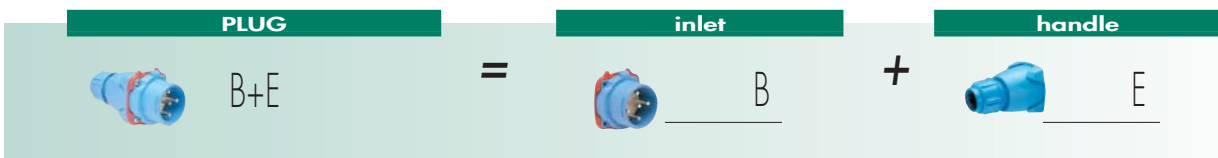
AND CHOOSING THE RIGHT PRODUCT IS AS EASY AS ABC...



The versatile Marechal system allows you to create exactly the requirements you need, whatever the model type, voltage or material content. And it couldn't be easier. Each complete assembly is made up of two basic components:



A brief summary of the product types appears in the list of contents while complete details appear at the front of each product listing. The coloured chart below indicates clearly the appropriate components you need for any particular assembly. For each product needed, you will see listed the individual components to make up a complete assembly.



COMBINING RELIABILITY, SAFETY, AND VERSATILITY TO PROVIDE THE BEST IN POWER CONNECTION



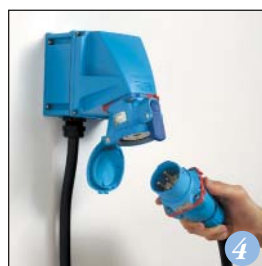
When a **decontactor** is connected, there is a "total safety".



A simple press on the latch makes the decontactor break the circuit. The plug is ejected to its parked position.



At this moment, a simple quarter of turn of the plug to the left for the DS, DSN and DB ranges and to the right for DNs allows it to be totally withdrawn from the socket. This is done in complete safety as the circuit is already dead.



The plug and the socket-outlet are separated: all live parts are protected against a 1 mm wire (IP4X) for the DB range and for the DS and DSN ranges thanks to the safety shutter. Standard contact test finger (IP2X) for the DN range.



Maréchal products are suitable for all industrial applications from 5 up to 600A, from 12 up to 1000V, as well as for "d" and "ed" explosion proof needs up to 125A. If we add to all this the single phase connector series, the battery chargers and connection systems for electrical vehicles, it is easy to understand why Marechal Electric has an international position as an innovative manufacturer, with high quality standards for global and complete solutions in the field of industrial plugs and socket-outlets.

HOW TO CHOOSE BETWEEN THE DIFFERENT MARECHAL RANGE OF PLUGS AND SOCKETS ?

There are various differences between the ranges.

Don't hesitate to contact a Marechal technician. He will help you to choose the products fitting your needs.



	DECONTACTOR			DISBREAKER	PLUGS & SOCKETS		
RANGE	DN	DS	DSN	DB	PN	PF	DXN
IP	54/55	55	67	67	66/67	67	66/67
IK	09	08	08	09	07 (polyamide) 09 (metal)	10	08
BREAKING CAPACITY* (according to EN 60947-3)	AC22	AC22 AC23	AC22 AC23	AC3	-	-	AC22 AC23
CURRENT	10 to 150A	16 to 250A	20 to 63A	3 to 45 KW	16 to 30A	300 to 600A	20 to 63A
NOTCH VOLTAGE POSITIONS	16 (9 for DN9)	24 (12 for DS2/DS7C9)	24	24	16	10 (PFQ) 7 (PFC)	24
MATERIAL (inlet/outlet)	Metal	Polyester : 16 to 150A Metal : 63 to 250A	Polyester	Metal	Polyamide Metal Polyester on request	Metal	Special polyester
MAIN PRODUCT FEATURES	Very resistant (heat, shocks)	Compact, design, resistance (shocks)	Automatic IP67 (no ring to turn)	AC3 switch and socket in one	The most compact range	Mechanical and electrical pilot contact interlocking	Technology of the Decontactor
SUITABLE APPLICATIONS	Harsh environments, welding sockets, heavy industry	Suitable for any industrial application (motor, pumps), building sites...	Food industry, water treatment	For starting, switching of motors, even in overload conditions	Semi-permanent connection lighthings (tunnels)	Cranes, industrial ovens, tunnel construction	Potentially explosive atmosphere (Gas, Dust)
PAGE	21	13	8	18	26	43	36

*Reminder : AC22: number of making and breaking operation: 5 times at 3 In x 1,05 Un cos phi = 0,65
 AC23: number of making and breaking operation: 5 times at 8 In x 1,05 Un cos phi = 0,45 or 0,35 (10 In for making operation)
 AC3: number of making and breaking operation: 50 times at 8 In x 1,05 Un cos phi = 0,45 or 0,35 (10 In for making operation)

VOLTAGES AND FREQUENCIES AVAILABLE

Colour coded gaskets for DSN 1/3/6 - DXN 1/3/6 - DS 1/3/6/9 - PN
Colour coded stickers for all products

PIN CONFIGURATION	VOLTAGE	FREQUENCY	5, 6 AND 7TH DIGITS	OUTLET		INLET	
				COLOUR GASKET	VOLTAGE STICKER	VOLTAGE STICKER	COLOUR GASKET
1P+N+E	110-130V	50Hz	035	YELLOW	YELLOW	YELLOW	YELLOW
	115-127V	200Hz	125	GREEN	YELLOW	YELLOW	GREEN
	115-127V	400Hz	115	GREEN	YELLOW	YELLOW	GREEN
	120V	60Hz	165	YELLOW	YELLOW	YELLOW	YELLOW
	120-125V	60Hz	075	ORANGE	ORANGE	ORANGE	ORANGE
	220-250V	50Hz	015	BLUE	BLUE	BLUE	BLUE
	255-277V	60Hz	045	GREY	GREY	GREY	GREY
	347V	60Hz	145	RED	RED	RED	RED
380-440V	50Hz	195	RED	RED	RED	RED	

2P	20-24V	50Hz	08A	VIOLET	VIOLET	VIOLET	VIOLET
	20-24V	60Hz	02A	VIOLET	VIOLET	VIOLET	VIOLET
	20-24V	DC	08Z	VIOLET	VIOLET	VIOLET	VIOLET
	25-28V	DC	06Z	VIOLET	VIOLET	VIOLET	VIOLET
48V	DC	13Z	WHITE	WHITE	WHITE	WHITE	

2P+E	110-130V	DC	109	YELLOW	YELLOW	YELLOW	YELLOW
	200-220V	200Hz	122	GREEN	BLUE	BLUE	GREEN
	200-220V	400Hz	112	GREEN	BLUE	BLUE	GREEN
	208-220V	60Hz	162	BLUE	BLUE	BLUE	BLUE
	220-250V	50Hz	032	BLUE	BLUE	BLUE	BLUE
	220-250V	DC	209	BLUE	BLUE	BLUE	BLUE
	240-250V	60Hz	072	ORANGE	ORANGE	ORANGE	ORANGE
	380-440V	50Hz	012	RED	RED	RED	RED
	440-480V	60Hz	042	RED	RED	RED	RED
	500V	50Hz	092	BLACK	BLACK	BLACK	BLACK
	600V	60Hz	142	BLACK	BLACK	BLACK	BLACK
	660-690V	50Hz	192	BLACK	BLACK	BLACK	BLACK

PIN CONFIGURATION	VOLTAGE	FREQUENCY	5, 6 AND 7TH DIGITS	OUTLET		INLET	
				COLOUR GASKET	VOLTAGE STICKER	VOLTAGE STICKER	COLOUR GASKET
2P+N+E	115-127V 200-220V	200Hz	126	GREEN	YELLOW	BLUE	GREEN
		400Hz	116	GREEN	YELLOW	BLUE	GREEN
	120-127V 208-220V	60Hz	166	YELLOW	YELLOW	BLUE	BLUE
		50Hz	036	BLUE	BLUE	BLUE	BLUE
	110-130V 220-250V	60Hz	076	ORANGE	ORANGE	ORANGE	ORANGE
		50Hz	016	BLUE	BLUE	RED	RED
	255-277V 440-480V	60Hz	046	RED	RED	RED	RED
		60Hz	146	RED	RED	BLACK	BLACK
	347V 600V	50Hz	196	RED	RED	BLACK	BLACK
		50Hz	196	BLACK	BLACK	BLACK	BLACK

3P+E	200-220V	200Hz	123	GREEN	BLUE	BLUE	GREEN
	200-220V	400Hz	113	GREEN	BLUE	BLUE	GREEN
	208V	60Hz	163	BLUE	BLUE	BLUE	BLUE
	220-250V	50Hz	033	BLUE	BLUE	BLUE	BLUE
	240-250V	60Hz	073	ORANGE	ORANGE	ORANGE	ORANGE
	380-440V	50Hz	013	RED	RED	RED	RED
	440-480V	60Hz	043	RED	RED	RED	RED
	500V	50Hz	093	BLACK	BLACK	BLACK	BLACK
	600V	60Hz	143	BLACK	BLACK	BLACK	BLACK
	660-690V	50Hz	193	BLACK	BLACK	BLACK	BLACK
	1000V	50Hz	223	BLACK	BLACK	BLACK	BLACK

3P+N+E	110-130V 220-250V	50Hz	037	YELLOW	YELLOW	BLUE	BLUE
		200Hz	127	GREEN	YELLOW	BLUE	GREEN
	115-127V 200-220V	400Hz	117	GREEN	YELLOW	BLUE	GREEN
		60Hz	167	YELLOW	YELLOW	BLUE	BLUE
	120-125V 240-250V	60Hz	077	ORANGE	ORANGE	ORANGE	ORANGE
		50Hz	017	BLUE	BLUE	RED	RED
	255-277V 440-480V	60Hz	047	RED	RED	RED	RED
		60Hz	147	RED	RED	BLACK	BLACK
	347V 600V	50Hz	197	RED	RED	BLACK	BLACK
		50Hz	197	BLACK	BLACK	BLACK	BLACK

MULTIPIN	NOT SPECIFIED	SKY BLUE	SKY BLUE	SKY BLUE	SKY BLUE
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DECONTACTORS

DSN



Plugs and socket-outlets with an integral switching device as defined in clause 2.8 of IEC/EN 60309-1 standard

From 20 to 63A

Voltage range up to 690V AC and 250V DC

Degree of protection to **IP67** as standard, upon introduction of the plug or socket lid shut IK08

Very compact design

Complies with IEC/EN 60309-1 standard

Ability to make and break under overload conditions to IEC/EN 60947-3 standard class **AC23** or **AC22**: for switching motors or other highly inductive loads (AC23) or for switching of mixed resistive and inductive loads (AC22)

Casings made of glassfibre-reinforced polyester

Interior keying system with 24 non-interchangeable positions

Silver-nickel tipped contacts, **oxydisation proof**

Spring loaded contacts ensuring constant pressure between the contacts

Vibration-proof terminals

Safety shutter protecting live socket-outlet contacts against small tools and wires (IP4X)

*Rated current from 20 to 63A according to IEC/EN60309-1
and AC23 or AC22 load break switch according to IEC/EN 60947-3*

	MAXIMUM RATED VOLTAGE					Conductor cross-section in mm ²		
	IEC/EN 60309-1 500V	690V	400V	IEC/EN 60947-3 500V	690V	flexible	stranded	auxiliaries (flexible)
DSN1	20A	-	20A-AC23	20A-AC22	-	1 to 2,5*	1 to 4*	-
DSN3	-	32A	32A-AC23	32A-AC22	20A-AC22	2,5 to 6*	2,5 to 10*	1 to 6 (5A)
DSN6	-	63A	63A-AC23	63A-AC22	50A-AC22	6 to 16	6 to 25	1,5 to 2,5 (5A)

*Products accepting larger capacities (DSN1 and DSN3 : flexible 10 mm², stranded 16 mm²). Please consult us.

These products are also available for many other voltages and frequencies. See page 7

WALL MOUNTING APPLIANCE INLET



=

WALL BOX

CABLE GLAND NOT INCLUDED



(1) and (2)

30° WALL BOX

70° WALL BOX

ENTRY REFERENCE

ENTRY REFERENCE

INLET



220/250V

380/440V

DSN	Current	Material	Box Entry	Box Reference	Box Entry	Box Reference	220/250V SPNE	220/250V SPNE+Aux	380/440V 3PE	380/440V 3PE+Aux.	380/440V 3PNE	380/440V 3PNE+Aux
DSN1	20A	Pe	M20	61 1A053	(1)	51 AA058*	P 61 18015	-	61 18013	-	61 18017	-
DSN3	32A	Pe	M20	61 3A053	(1)	51 BA058*	P 61 38015	61 38015 972	61 38013	61 38013 972	61 38017	61 38017 972
DSN6	63A	Pe	M25	61 6A053	(2)	51 CA058*	P 61 68015	61 68015 972	61 68013	61 68013 972	61 68017	61 68017 972
		M	M25	87 3A053			P	61 68015 264	61 68013	61 68013 264	61 68017	61 68017 264

For other tappings, please consult us

- (1) 4 knock-out entries (2 x M16 to M32 + 2 x PG11 to 29)
- (2) 4 knock-out entries (2 x M16 - M25 to M40 + 2 x PG11 - 21 to PG36)
- * 70° polyamide wallbox without earth connectors : replace suffix 058 by S58

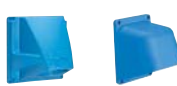
suffix 972 = 2 aux
suffix 264 = 4 aux

INCLINED APPLIANCE INLET



=

INCLINED SLEEVE



Pe

M

30° SLEEVE

70° SLEEVE

REFERENCE

REFERENCE

INLET



220/250V

380/440V

DSN	Current	Material	Sleeve Reference	Sleeve Reference	220/250V SPNE	220/250V SPNE+Aux	380/440V 3PE	380/440V 3PE+Aux.	380/440V 3PNE	380/440V 3PNE+Aux
DSN1	20A	Pe	61 1A027	51 AA757	P 61 18015	-	61 18013	-	61 18017	-
DSN3	32A	Pe	61 3A027	51 BA757	P 61 38015	61 38015 972	61 38013	61 38013 972	61 38017	61 38017 972
DSN6	63A	Pe	61 6A027	51 CA757	P 61 68015	61 68015 972	61 68013	61 68013 972	61 68017	61 68017 972
		M		87 3A087	P	61 68015 264	61 68013	61 68013 264	61 68017	61 68017 264

suffix 972 = 2 aux
suffix 264 = 4 aux

PLUG



=

HANDLE



STANDARD HANDLE

CABLE GLAND NOT INCLUDED
FLOWERPOT HANDLE

Ø mm REFERENCE

ENTRY REFERENCE

INLET



220/250V

380/440V

DSN	Current	Material	Handle Ø mm	Handle Reference	Handle Entry	Handle Reference	220/250V SPNE	220/250V SPNE+Aux	380/440V 3PE	380/440V 3PE+Aux.	380/440V 3PNE	380/440V 3PNE+Aux
DSN1	20A	Pe	8-15	61 1A013	M20	61 1A253 417	P 61 18015	-	61 18013	-	61 18017	-
DSN3	32A	Pe	5-21	61 3A013	M20	61 3A253 417	P 61 38015	61 38015 972	61 38013	61 38013 972	61 38017	61 38017 972
DSN6	63A	Pe	10-30	61 6A013*	M25	61 6A253 418	P 61 68015	61 68015 972	61 68013	61 68013 972	61 68017	61 68017 972
							P	61 68015 264	61 68013	61 68013 264	61 68017	61 68017 264

For other tappings, please consult us

* For in-line connector, use 61 6A 473 (handle with integrated draw mechanism)

suffix 972 = 2 aux
suffix 264 = 4 aux

IP67 Inlet cap

DSN	DSN3	DSN6
REFERENCE 61 1A126	61 3A126	61 6A126

Example for a plug DSN1 20A/400V 3PNE



=



+



PLUG

HANDLE
61 1A013

INLET
61 18 017

P POLYESTER
Pe POLYAMIDE
M METAL

These products are also available for many other voltages and frequencies. See page 7

WALL MOUNTING SOCKET



=

WALL BOX

CABLE GLAND NOT INCLUDED



(1) and (2)

+

SOCKET-OUTLET



DSN1	20A
DSN3	32A
DSN6	63A

30° WALL BOX		70° WALL BOX	
ENTRY	REFERENCE	ENTRY	REFERENCE
Pe M20	61 1A053	Pe (1)	51 AA058*
Pe M20	61 3A053	Pe (1)	51 BA058*
Pe M25	61 3A083	Pe (2)	51 CA058*
Pe M25	61 6A053	M M25	87 3A053

220/250V		380/440V		220/250V		380/440V	
SPNE	SPNE+Aux	3PE	3PE+Aux.	3PNE	3PNE+Aux	3PNE	3PNE+Aux
P 61 14015	-	61 14013	-	61 14017	-		
P 61 34015	61 34015 972	61 34013	61 34013 972	61 34017	61 34017 972		
P 61 64015	61 64015 972 61 64015 264	61 64013	61 64013 972 61 64013 264	61 64017	61 64017 972 61 64017 264		

For other tappings, please consult us

- (1) 4 knock-out entries (2 x M16 to M32 + 2 x PG11 to 29)
- (2) 4 knock-out entries (2 x M16 - M25 to M40 + 2 x PG11 - 21 to PG36)
- * 70° polyamide wallbox without earth connectors : replace suffix 058 by S58

suffix 972 = 2 aux
suffix 264 = 4 aux

INCLINED SOCKET



=

INCLINED SLEEVE



+

SOCKET-OUTLET



DSN1	20A
DSN3	32A
DSN6	63A

30° SLEEVE		70° SLEEVE	
REFERENCE	REFERENCE	REFERENCE	REFERENCE
Pe 61 1A027	Pe 51 AA757	Pe 51 BA757	Pe 51 CA757
Pe 61 3A027	Pe 87 3A087		

220/250V		380/440V		220/250V		380/440V	
SPNE	SPNE+Aux	3PE	3PE+Aux.	3PNE	3PNE+Aux	3PNE	3PNE+Aux
P 61 14015	-	61 14013	-	61 14017	-		
P 61 34015	61 34015 972	61 34013	61 34013 972	61 34017	61 34017 972		
P 61 64015	61 64015 972 61 64015 264	61 64013	61 64013 972 61 64013 264	61 64017	61 64017 972 61 64017 264		

suffix 972 = 2 aux
suffix 264 = 4 aux

CONNECTOR



=

HANDLE



CABLE GLAND NOT INCLUDED
FLOWERPOT HANDLE

+

SOCKET-OUTLET



DSN1	20A
DSN3	32A
DSN6	63A

STANDARD HANDLE		FLOWERPOT HANDLE	
Ø mm	REFERENCE	ENTRY	REFERENCE
Pe 8-15	61 1A013	M20	61 1A253 417
Pe 5-21	61 3A013	M20	61 3A253 417
Pe 10-30	61 6A013*	M25	61 6A253 418

220/250V		380/440V		220/250V		380/440V	
SPNE	SPNE+Aux	3PE	3PE+Aux.	3PNE	3PNE+Aux	3PNE	3PNE+Aux
P 61 14015	-	61 14013	-	61 14017	-		
P 61 34015	61 34015 972	61 34013	61 34013 972	61 34017	61 34017 972		
P 61 64015	61 64015 972 61 64015 264	61 64013	61 64013 972 61 64013 264	61 64017	61 64017 972 61 64017 264		

For other tappings, please consult us

* For in-line connector, use 61 6A 473 (handle with integrated draw mechanism)

suffix 972 = 2 aux
suffix 264 = 4 aux

Optional padlocking

See page 11

Example for a wall mounting socket DSN1 20A/415V 3PNE



P POLYESTER
Pe POLYAMIDE
M METAL

Please contact us if you want to order the following:

HANDLES FOR LARGER SIZED CABLES



SCREW LOCKING - PADLOCKING - MULTIPLE LOCKING



In order to prevent unwanted disconnection and/or to deny access to a socket, different locking mechanisms are available. Also available for inlet/plug lockout.

IP67 INLET cap



Plug contacts can be protected with this rubber cap. (see page 9)

STOP BUTTON

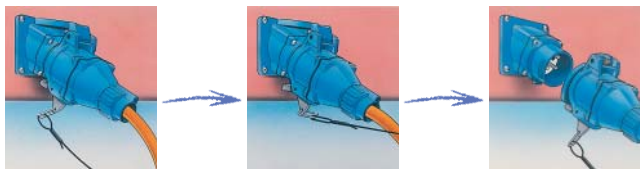


Sockets can be fitted with a mushroom latch button with a red sticker marked «stop». This allows the quick and safe disconnection of the plugged-in appliance, even with a gloved hand.

OPTIONS FOR SOCKET LID

Instead of having socket lids self opening, they can also self close, or self open to 180°, or both.

SELF-EJECTING DECONTACTORS



DSN deconnectors can be modified to self-eject. Tension applied to the supply cable causes the socket and inlet to separate thus preventing accidents and minimising damage to mobile appliances. Connectors can self-eject from fixed inlets. Please ask for our special leaflet.

Road transport vehicles / Electric boats



Applications:

- Battery recharging.
- Refrigerated trailers.
- Taken aboard ship equipment supply.

Benefits:

- Prevent damage if vehicle / boat starts without having first unplugged its connector.
- Watertight versions available.

Fire tenders / Emergency vehicles



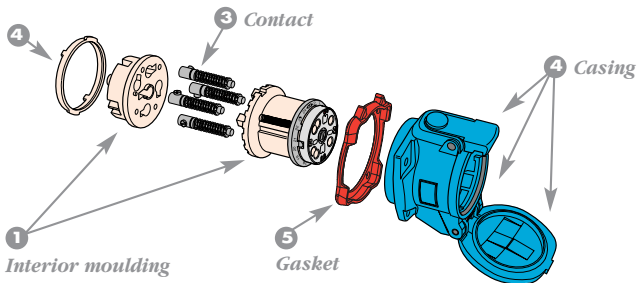
Applications:

- Battery recharging.
- Diesel / water heating.

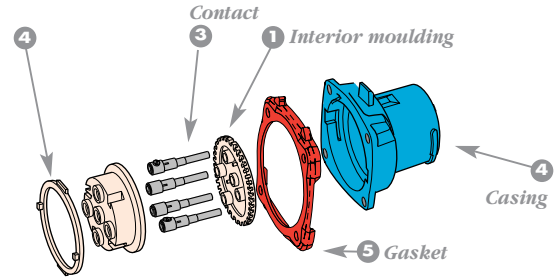
Benefits:

- No tugging or pulling to disengage force-fit connections. Slight tension releases plug. Firemen can leave the station in an emergency without unplugging if necessary.

SOCKET-OUTLET SPARE PARTS



INLET SPARE PARTS



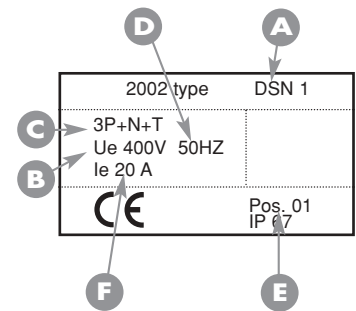
TO ENSURE YOU RECEIVE THE CORRECT MARECHAL SPARE PARTS, SIMPLY FILL OUT THIS FORM AND FAX IT BACK TO US. FOR UK & EIRE +44 (0)1244 851498 FOR ALL OTHER COUNTRIES +33 (0)1 45 11 60 60 WE WILL SEND IT BACK WITH A QUOTATION NUMBER THAT YOU WILL USE TO PLACE YOUR ORDER

SOCKET-OUTLET

INLET

DESIGNATION OF THE PART (REFER TO THE DRAWING ABOVE):

- A RANGE (SEE LABEL ON PRODUCT):
- B VOLTAGE:
- C POLARITY:
- D FREQUENCY:
- E NOTCH POSITION EG 01,07:
- F CURRENT:



QUANTITY:

CUSTOMER ADDRESS:

COMPANY NAME:

CONTACT NAME:

ADDRESS:

PHONE:

FAX:

E-MAIL:

OUR REPLY:

MARECHAL QUOTE NUMBER:

PRICE EACH:

VALIDITY:

DECONTACTORS

DS



Plugs and socket-outlets with an integral switching device as defined in clause 2.8 of IEC/EN 60309-1 standard

From 30 to 250A

Voltage range up to 690V AC and 250V DC

IP55 (IP54 plug connected)

Compact design

Complies with IEC/EN 60309-1 standard

Ability to make and break under overload conditions to IEC/EN 60947-3 standard class AC23 or AC22: for switching motors or other highly inductive loads (AC23) or for switching of mixed resistive and inductive loads (AC22)

Casings made of glassfibre-reinforced polyester

Silver-nickel tipped contacts, **oxydisation proof**

Spring loaded contacts ensuring constant pressure between the contacts

Vibration-proof terminals

Safety shutter protecting live socket-outlet contacts against small tools and wires (IP4X)

Interior keying system with 24 non-interchangeable positions

Rated current from 20 to 250A according to IEC/EN60309-1 and AC23 or AC22 load break switch according to IEC/EN 60947-3

	MAXIMUM RATED VOLTAGE					Conductor cross-section in mm ²		
	IEC/EN 60309-1 400V	690V	400V	IEC/EN 60947-3 500V	690V	flexible	stranded	auxiliaries (flexible)
DS1	30A	30A	30A-AC23	30A-AC22	20A-AC22	1,5 to 6 (10)*	1,5 to 10 (16)*	1 to 6 (5A)
DS3	50A	50A	50A-AC23	50A-AC22	30A-AC22	2,5 to 10 (16)*	2,5 to 16 (25)*	1 to 2,5 (5A)
DS6	90A	90A	90A-AC23	75A-AC22	63A-AC22	6 to 25 (35)*	6 to 35 (50)*	1,5 (5A)
DS9	150A	125A	150A-AC22	125A-AC22	90A-AC22	16 to 50 (70)*	25 to 70 (95)*	1,5 (5A)
DS2	250A	200A	250A-AC22	200A-AC22	150A-AC22	70 to 95 (150)*	70 to 120 (185)*	1,5 (5A)

*For larger wiring capacity (figure in brackets), please consult us.



These products are also available for many other voltages and frequencies. See page 7

WALL MOUNTING APPLIANCE INLET



=

WALL BOX

CABLE GLAND NOT INCLUDED



(1) and (2)

30° WALL BOX

70° WALL BOX

ENTRY REFERENCE

ENTRY REFERENCE

DS1	30A
DS3	50A
DS6	90A
DS9	150A
DS2	250A

Pe M20	31 1A053	Pe (1)	51 BA058
Pe M25	31 1A083	Pe (2)	51 CA058
Pe M25	31 3A053	M M25	87 3A053
Pe M40	31 6A053	Pe (2)	51 DA058
M M40	39 6A053	M M40	87 6A053
M M50	39 9A053	M M50	87 9A053
M M63	39 2A053 (60°)	-	-

INLET



220/250V

380/440V

SPNE	SPNE+Aux	3PE	3PE+Aux	3PNE	3PNE+Aux
P 31 18015	31 18015 972	31 18013	31 18013 972	31 18017	31 18017 972
P 31 38015	31 38015 972 31 38015 264	31 38013	31 38013 972 31 38013 264	31 38017	31 38017 972 31 38017 972
P 31 68015	-	31 68013	31 68013 172	31 68017	-
M 39 68015	-	39 68013	39 68013 172	39 68017	-
P 31 98015	-	31 98013	31 98013 172	31 98017	-
M 39 98015	-	39 98013	39 98013 172	39 98017	-
M 39 28015	39 28015 972	39 28013	39 28013 972	39 28017	39 28017 972

For other tappings, please consult us

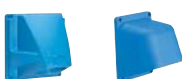
(1) 4 knock-out entries (2 x M16 to M32 + 2 x PG11 to PG29)
(2) 4 knock-out entries (2 x M16 - M25 to M40 + 2 x PG11 - 21 to PG36)

suffix **172/972** = 2 aux
suffix **264** = 4 aux

INCLINED APPLIANCE INLET



=



Pe **M**

30° INCLINED SLEEVE

70° INCLINED SLEEVE

REFERENCE

REFERENCE

DS1	30A
DS3	50A
DS6	90A
DS9	150A
DS2	250A

Pe 31 1A027	Pe 51 BA757
Pe 31 3A027	Pe 51 CA757
Pe 31 6A027	M 87 3A087
M 39 6A027	Pe 51 DA757
Pe 31 9A027	M 87 6A087
M 39 9A027	M 87 9A087
M 39 2A027 (60°)	-

INLET



220/250V

380/440V

SPNE	SPNE+Aux	3PE	3PE+Aux	3PNE	3PNE+Aux
P 31 18015	31 18015 972	31 18013	31 18013 972	31 18017	31 18017 972
P 31 38015	31 38015 972 31 38015 264	31 38013	31 38013 972 31 38013 264	31 38017	31 38017 972 31 38017 972
P 31 68015	-	31 68013	31 68013 172	31 68017	-
M 39 68015	-	39 68013	39 68013 172	39 68017	-
P 31 98015	-	31 98013	31 98013 172	31 98017	-
M 39 98015	-	39 98013	39 98013 172	39 98017	-
M 39 28015	39 28015 972	39 28013	39 28013 972	39 28017	39 28017 972

suffix **172/972** = 2 aux
suffix **264** = 4 aux

PLUG



=



CABLE GLAND NOT INCLUDED

STANDARD HANDLE

FLOWERPOT HANDLE

Ø mm REFERENCE

ENTRY REFERENCE

DS1	30A
DS3	50A
DS6	90A
DS9	150A
DS2	250A

Pe 5-21	31 1A013	Pe M20	31 1A253 417
N 12-20	31 1A013 03	Pe M25	31 3A253 418
Pe 10-30	31 3A013	Pe M40	31 6A253 420
N 15-27	31 3A013 03	M M40	31 6A953 420
Pe 13-36	31 6A013	Pe M50	31 9A253 429
N 20-36	31 6A013 03	M M50	31 9A953 429
N 25-45	31 9A013 03	Pe M63	39 2A253 463
N 40-58	39 2A013	Pe M75	39 2A253 475

INLET



220/250V

380/440V

SPNE	SPNE+Aux	3PE	3PE+Aux	3PNE	3PNE+Aux
P 31 18015	31 18015 972	31 18013	31 18013 972	31 18017	31 18017 972
P 31 38015	31 38015 972 31 38015 264	31 38013	31 38013 972 31 38013 264	31 38017	31 38017 972 31 38017 972
P 31 68015	-	31 68013	31 68013 172	31 68017	-
M 39 68015	-	39 68013	39 68013 172	39 68017	-
P 31 98015	-	31 98013	31 98013 172	31 98017	-
M 39 98015	-	39 98013	39 98013 172	39 98017	-
M 39 28015	39 28015 972	39 28013	39 28013 972	39 28017	39 28017 972

suffix **172/972** = 2 aux
suffix **264** = 4 aux

For other tappings, please consult us

Example for a plug DS1 30A/230V SPNE



=



+



PLUG

HANDLE
31 1A013

INLET
31 18 015

P POLYESTER
Pe POLYAMIDE
N NEOPRENE
M METAL

These products are also available for many other voltages and frequencies. See page 7

WALL MOUNTING SOCKET



DS1	30A
DS3	50A
DS6	90A
DS9	150A
DS2	250A

For other tappings, please consult us

WALL BOX

CABLE GLAND NOT INCLUDED



30° WALL BOX		70° WALL BOX	
ENTRY	REFERENCE	ENTRY	REFERENCE
Pe M20	31 1A053	Pe (1)	51 BA058
Pe M25	31 1A083	Pe (2)	51 CA058
Pe M25	31 3A053	M M25	87 3A053
Pe M40	31 6A053	Pe (2)	51 DA058
M M40	39 6A053	M M40	87 6A053
M M50	39 9A053	M M50	87 9A053
M M63	39 2A053 (60°)	-	-

(1) 4 knock-out entries (2 x M16 to M32 + 2 x PG11 to PG29)
 (2) 4 knock-out entries (2 x M16 - M25 to M40+ 2 x PG11 - 21 to PG36)

SOCKET-OUTLET



220/250V		380/440V		220/250V 380/440V	
SPNE	SPNE+Aux.	3PE	3PE+Aux.	3PNE	3PNE+Aux.
P 31 14015	31 14015 972	31 14013	31 14013 972	31 14017	31 14017 972
P 31 34015	31 34015 972 31 34015 264	31 34013	31 34013 972 31 34013 264	31 34017	31 34017 972 31 34017 264
P 31 64015	-	31 64013	31 64013 172	31 64017	-
M 39 64015	-	39 64013	39 64013 172	39 64017	-
P 31 94015	-	31 94013	31 94013 172	31 94017	-
M 39 94015	-	39 94013	39 94013 172	39 94017	-
M 39 24015	39 24015 972	39 24013	39 24013 972	39 24017	39 24017 972

suffix 172/972 = 2 aux
 suffix 264 = 4 aux

INCLINED SOCKET



DS1	30A
DS3	50A
DS6	90A
DS9	150A
DS2	250A

For other tappings, please consult us

INCLINED SLEEVE



30° INCLINED SLEEVE		70° INCLINED SLEEVE	
REFERENCE	REFERENCE	REFERENCE	REFERENCE
Pe 31 1A027	Pe 51 BA757	Pe 51 CA757	M 87 3A087
Pe 31 3A027	Pe 51 DA757	Pe 51 DA757	M 87 6A087
Pe 31 6A027	Pe 87 6A087	M 87 9A087	-
M 39 6A027	-	-	-
Pe 31 9A027	-	-	-
M 39 9A027	-	-	-
M 39 2A027 (60°)	-	-	-

SOCKET-OUTLET



220/250V		380/440V		220/250V 380/440V	
SPNE	SPNE+Aux.	3PE	3PE+Aux.	3PNE	3PNE+Aux.
P 31 14015	31 14015 972	31 14013	31 14013 972	31 14017	31 14017 972
P 31 34015	31 34015 972 31 34015 264	31 34013	31 34013 972 31 34013 264	31 34017	31 34017 972 31 34017 264
P 31 64015	-	31 64013	31 64013 172	31 64017	-
M 39 64015	-	39 64013	39 64013 172	39 64017	-
P 31 94015	-	31 94013	31 94013 172	31 94017	-
M 39 94015	-	39 94013	39 94013 172	39 94017	-
M 39 24015	39 24015 972	39 24013	39 24013 972	39 24017	39 24017 972

suffix 172/972 = 2 aux
 suffix 264 = 4 aux

CONNECTOR



DS1	30A
DS3	50A
DS6	90A
DS9	150A
DS2	250A

For other tappings, please consult us

HANDLE

CABLE GLAND NOT INCLUDED



STANDARD HANDLE		FLOWERPOT HANDLE	
Ø mm	REFERENCE	ENTRY	REFERENCE
Pe 5-21	31 1A013	Pe M20	31 1A253 417
N 12-20	31 1A013 03	Pe M25	31 3A253 418
Pe 10-30	31 3A013	Pe M40	31 6A253 420
N 15-27	31 3A013 03	M M40	31 6A953 420
Pe 13-36	31 6A013	Pe M50	31 9A253 429
N 20-36	31 6A013 03	M M50	31 9A953 429
N 25-45	31 9A013 03	Pe M63	39 2A253 463
N 40-58	39 2A013	Pe M75	39 2A253 475

SOCKET-OUTLET



220/250V		380/440V		220/250V 380/440V	
SPNE	SPNE+Aux.	3PE	3PE+Aux.	3PNE	3PNE+Aux.
P 31 14015	31 14015 972	31 14013	31 14013 972	31 14017	31 14017 972
P 31 34015	31 34015 972 31 34015 264	31 34013	31 34013 972 31 34013 264	31 34017	31 34017 972 31 34017 264
P 31 64015	-	31 64013	31 64013 172	31 64017	-
M 39 64015	-	39 64013	39 64013 172	39 64017	-
P 31 94015	-	31 94013	31 94013 172	31 94017	-
M 39 94015	-	39 94013	39 94013 172	39 94017	-
M 39 24015	39 24015 972	39 24013	39 24013 972	39 24017	39 24017 972

suffix 172/972 = 2 aux
 suffix 264 = 4 aux

Stop button

Add suffix **453** to socket-outlet part number

Optional padlocking

See page 16

Example for a wall mounting socket DS1 30A/400V 3PNE

= +

WALL MOUNTING SOCKET **WALL BOX** 51 BA058 **SOCKET-OUTLET** 31 14 017

P POLYESTER
Pe POLYAMIDE
N NEOPRENE
M METAL

Please contact us if you want to order the following:

HANDLES FOR LARGER SIZED CABLES



SCREW LOCKING - PADLOCKING - MULTIPLE LOCKING



In order to prevent unwanted disconnection and/or to deny access to a socket, different locking mechanisms are available. Also available for inlet/plug lockout.

IP55 INLET cap



	IP55 Inlet cap				
	DS1	DS3	DS6	DS9	DS2
REFERENCE	31 1A126	31 3A126	31 6A126	31 9A126	31 2A126

STOP BUTTON



Sockets can be fitted with a mushroom latch button with a red sticker marked «stop». This allows the quick and safe disconnection of the plugged-in appliance, even with a gloved hand.

DRAW MECHANISM

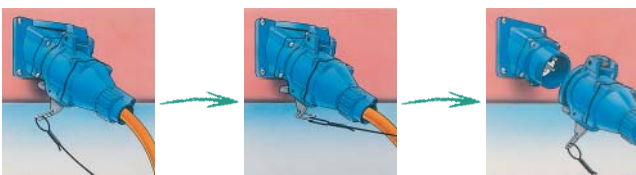


	Closing Mechanisms					
	CLOSING HANDLE SET			BASE ONLY		LEVER ONLY
DS9	M	39 9A346	=	39 9A396	+	39 9A376
DS2	M	39 2A346	=	39 2A396	+	39 2A376

OPTIONS FOR SOCKET LID

Instead of having socket lids self opening, they can also self close, or self open to 180°, or both.

AUTO-EJECTING DECONTACTORS



DS decontactors can be modified to self-eject. Tension applied to the supply cable causes the socket and inlet to separate thus preventing accidents and minimising damage to mobile appliances. Plugs can self-eject from sockets and connectors can self-eject from fixed inlets. Please ask for our special leaflet.

Road transport vehicles / Electric boats



Applications:

- Battery recharging.
- Refrigerated trailers.
- Taken aboard ship equipment supply.

Benefits:

- Prevent damage if vehicle / boat starts without having first unplugged its connector.
- Watertight versions available.

Fire tenders / Emergency vehicles



Applications:

- Battery recharging.
- Diesel / water heating.

Benefits:

- No tugging or pulling to disengage force-fit connections. Slight tension releases plug. Firemen can leave the station in an emergency without unplugging if necessary.

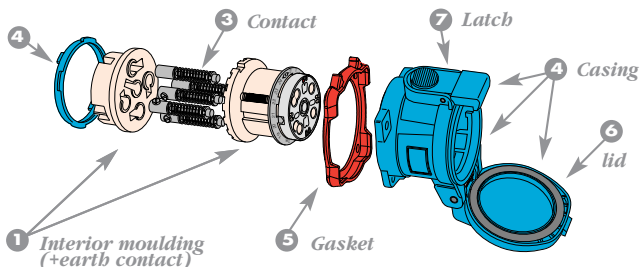
SPARE PARTS

DS

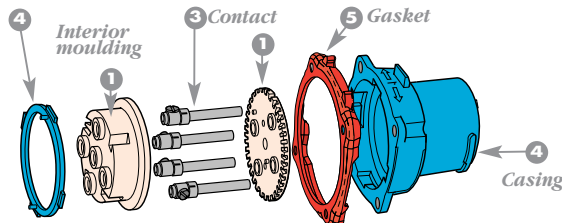
fax 44(0) 1244 851498 or 33(0)1 45 11 60 60

30/250A

SOCKET-OUTLET SPARE PARTS



INLET SPARE PARTS



TO ENSURE YOU RECEIVE THE CORRECT MARECHAL SPARE PARTS, SIMPLY FILL OUT THIS FORM AND FAX IT BACK TO US. FOR UK & EIRE +44 (0)1244 851498 FOR ALL OTHER COUNTRIES +33 (0)1 45 11 60 60 WE WILL SEND IT BACK WITH A QUOTATION NUMBER THAT YOU WILL USE TO PLACE YOUR ORDER

SOCKET-OUTLET

INLET

DESIGNATION OF THE PART (REFER TO THE DRAWING ABOVE):

A RANGE (SEE LABEL ON PRODUCT):

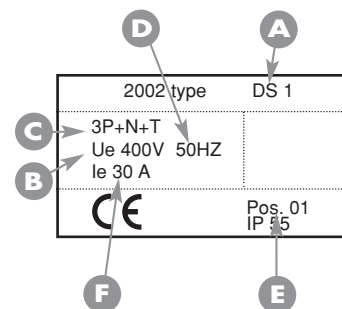
B VOLTAGE:

C POLARITY:

D FREQUENCY:

E NOTCH POSITION EG 01,07:

F CURRENT:



QUANTITY:

CUSTOMER ADDRESS:

COMPANY NAME:

CONTACT NAME:

ADDRESS:

PHONE:

FAX:

E-MAIL:

OUR REPLY:

MARECHAL QUOTE NUMBER:

PRICE EACH:

VALIDITY:

DISBREAKERS

DB



Air-break separable motor switches in utilisation categories AC3 according to IEC/EN 60947-3 standard: for starting, switching of motors or other inductive loads during running and in overload conditions

From 3 to 45kW IK09

Voltage range up to 690V AC and 250V DC

Degree of protection to IP67 as standard

Padlockable in all positions

Complies with IEC/EN 60309-1 standard

Interior keying system with 24 non-interchangeable positions

Metal bodied with anti-corrosion treatment

Silver-nickel tipped contacts, **oxydisation proof**

Spring loaded contacts ensuring constant pressure between the contacts

Vibration-proof terminals

Live socket-outlet contacts inaccessible

Rated load from 3 to 45kw according to IEC/EN 60947-3

	MAXIMUM RATED VOLTAGE								Conductor cross-section in mm ²				
	690V		500V		440V		230V. (3Φ)		230V. (1Φ)		flexible	stranded	auxiliaries (flexible)
	KW	HP	KW	HP	KW	HP	KW	HP	KW	HP			
DB3	7,5	10	7,5	10	7,5	10	5,5	7,5	3	5	2,5 to 6	2,5 to 10	1,5 (5A)
DB6	22	30	15	20	15	20	11	15	7,5	10	10 to 25	10 to 35	1,5 (5A)
DB9	45	60	30	40	30	40	22	30	15	20	16 to 50	25 to 70	1,5 (5A)

These products are also available for many other voltages and frequencies. See page 7

WALL MOUNTING APPLIANCE INLET

70° WALL BOX

CABLE GLAND NOT INCLUDED

INLET



=



+



690V 400V 230V.3φ

ENTRY REFERENCE

220/250V

380/440V

SPNE 3PE 2PE+Aux. 3PE+Aux. 3PNE

DB3	7,5kW	7,5kW	5,5kW	40A	M	M25	87 3A053
DB6	22kW	15kW	11kW	75A	M	M40	87 6A053
DB9	45kW	30kW	22kW	125A	M	M50	87 9A053

M	87 38015	87 38013	87 38012 172	87 38013 172	87 38017
M	87 68015	87 68013	87 68012 172	87 68013 172	87 68017
M	87 98015	87 98013	87 98012 264	87 98013 264	87 98017

For wall boxes with multiple entries or other tapings, please consult us

suffix **172** = 2 aux
suffix **264** = 4 aux

INCLINED APPLIANCE INLET

70° INCLINED SLEEVE

INLET



=



+



690V 400V 230V.3φ

REFERENCE

220/250V

380/440V

SPNE 3PE 2PE+Aux. 3PE+Aux. 3PNE

DB3	7,5kW	7,5kW	5,5kW	40A	M	87 3A087
DB6	22kW	15kW	11kW	75A	M	87 6A087
DB9	45kW	30kW	22kW	125A	M	87 9A087

M	87 38015	87 38013	87 38012 172	87 38013 172	87 38017
M	87 68015	87 68013	87 68012 172	87 68013 172	87 68017
M	87 98015	87 98013	87 98012 264	87 98013 264	87 98017

suffix **172** = 2 aux
suffix **264** = 4 aux

PLUG

HANDLE

INLET



=



CABLE GLAND NOT INCLUDED

STANDARD HANDLE

FLOWERPOT HANDLE

+



690V 400V 230V.3φ

Ø mm REFERENCE ENTRY REFERENCE

220/250V

380/440V

SPNE 3PE 2PE+Aux. 3PE+Aux. 3PNE

DB3	7,5kW	7,5kW	5,5kW	40A	Pe	10-30	87 3A013	Pe	M25	87 3A253 418
DB6	22kW	15kW	11kW	75A	Pe	13-35	87 6A013	Pe	M40	87 6A253 420
DB9	45kW	30kW	22kW	125A	Pe	28-38	87 9A013	Pe	M50	87 9A253 429

M	87 38015	87 38013	87 38012 172	87 38013 172	87 38017
M	87 68015	87 68013	87 68012 172	87 68013 172	87 68017
M	87 98015	87 98013	87 98012 264	87 98013 264	87 98017

For other tapings, please consult us

suffix **172** = 2 aux
suffix **264** = 4 aux

Pe POLYAMIDE
M METAL

IP55 Inlet cap

	DB3	DB6	DB9
REFERENCE	87 3A126	87 6A126	87 9A126

Example for a plug DB9 30kW/400V 3PE+4Aux



=



+



PLUG

HANDLE
87 9A 013

INLET
87 98 013 264

These products are also available for many other voltages and frequencies. See page 7

WALL MOUNTING SOCKET



=

70° WALL BOX

CABLE GLAND NOT INCLUDED



+

SOCKET-OUTLET



690V 400V 230V.3φ

ENTRY REFERENCE

	690V	400V	230V.3φ		ENTRY	REFERENCE
DB3	7,5kW	7,5kW	5,5kW	40A	M	M25 87 3A053
DB6	22kW	15kW	11kW	75A	M	M40 87 6A053
DB9	45kW	30kW	22kW	125A	M	M50 87 9A053

220/250V

380/440V

220/250V

380/440V

	SPNE	3PE	2PE+Aux	3PE+Aux	3PNE
M 87 34015		87 34013	87 34012 172	87 34013 172	87 34017
M 87 64015		87 64013	87 64012 172	87 64013 172	87 64017
M 87 94015		87 94013	87 94012 264	87 94013 264	87 94017

For other tapings, please consult us.

suffix 172 = 2 aux
suffix 264 = 4 aux

INCLINED SOCKET



=

70° INCLINED SLEEVE



+

SOCKET-OUTLET



690V 400V 230V.3φ

REFERENCE

	690V	400V	230V.3φ		REFERENCE
DB3	7,5kW	7,5kW	5,5kW	40A	M 87 3A087
DB6	22kW	15kW	11kW	75A	M 87 6A087
DB9	45kW	30kW	22kW	125A	M 87 9A087

220/250V

380/440V

220/250V

380/440V

	SPNE	3PE	2PE+Aux	3PE+Aux	3PNE
M 87 34015		87 34013	87 34012 172	87 34013 172	87 34017
M 87 64015		87 64013	87 64012 172	87 64013 172	87 64017
M 87 94015		87 94013	87 94012 264	87 94013 264	87 94017

CONNECTOR



=

HANDLE



+

SOCKET-OUTLET



690V 400V 230V.3φ

STANDARD HANDLE

CABLE GLAND NOT INCLUDED

FLOWERPOT HANDLE

Ø mm REFERENCE ENTRY REFERENCE

	690V	400V	230V.3φ		Ø mm	REFERENCE	ENTRY	REFERENCE
DB3	7,5kW	7,5kW	5,5kW	40A	Pe	10-30	87 3A013	Pe M25 87 3A253 418
DB6	22kW	15kW	11kW	75A	Pe	13-35	87 6A013	Pe M40 87 6A253 420
DB9	45kW	30kW	22kW	125A	Pe	28-38	87 9A013	Pe M50 87 9A253 429

220/250V

380/440V

220/250V

380/440V

	SPNE	3PE	2PE+Aux	3PE+Aux	3PNE
M 87 34015		87 34013	87 34012 172	8734013 172	87 34017
M 87 64015		87 64013	87 64012 172	87 64013 172	87 64017
M 87 94015		87 94013	87 94012 264	87 94013 264	87 94017

For other tapings, please consult us.

suffix 172 = 2 aux
suffix 264 = 4 aux

Pe POLYAMIDE
M METAL

Example for a wall mounting socket DB3 7,5kW 400V 3PE+2Aux



DECONTACTORS

DN



Plugs and socket-outlets with an integral switching device as defined in clause 2.8 of IEC/EN 60309-1 standard

From 20 to 150A

Voltage range up to 500V AC and 130V DC

IP55 (cap closed) IP54 (plug connected) IK09

Complies with IEC/EN 60309-1 standard

Ability to make and break under overload conditions to IEC/EN 60947-3 standard class AC22: for switching of mixed resistive and inductive loads (AC22)

Interior keying system with 16 non-interchangeable positions

Metal bodied

Silver-nickel tipped contacts, **oxydisation proof**

Spring loaded contacts ensuring constant pressure between the contacts

Vibration-proof terminals

Live socket-outlet contacts protected against standard contact test finger (IP2X)

Specially designed for harsh conditions of use

Rated current from 20 to 150A according to IEC/EN60309-1 and AC22 load break switch according to IEC/EN 60947-3

	MAXIMUM RATED VOLTAGE				Conductor cross-section in mm ²	
	IEC/EN 60309-1 400V	IEC/EN 60309-1 500V	IEC/EN 60947-3 400V	IEC/EN 60947-3 500V	flexible	stranded
DN8	-	20A	20A-AC22	20A-AC22	1 to 6	1,5 to 6
DN1	-	30A	30A-AC22	30A-AC22	4 to 6	4 to 10
DN3	-	50A	50A-AC22	50A-AC22	2,5 to 10	2,5 to 16
DN6	-	90A	90A-AC22	63A-AC22	10 to 25	10 to 35
DN9	150A	-	150A-AC22	-	35 to 50	50 to 70

These products are also available for many other voltages and frequencies. See page 7

WALL MOUNTING APPLIANCE INLET



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WALL BOX

CABLE GLAND NOT INCLUDED



+



		30° WALL BOX		70° WALL BOX	
		ENTRY	REFERENCE	ENTRY	REFERENCE
DN8	20A	M M20	19 8A053	-	-
DN1	30A	M M20	19 1A053	M M25	87 3A053
DN3	50A	M M25	19 3A053	M M40	87 6A053
DN6	90A	M M40	19 6A053	M M50	87 9A053
DN9	150A	M M50	19 9A053	M M50	87 9A053

	220/250V		380/440V	
	SPNE	3PE	3PNE	
M	19 88015	19 88013	19 88017	
M	19 18015	19 18013	19 18017	
M	19 38015	19 38013	19 38017	
M	19 68015	19 68013	19 68017	
M	19 98032 (2P+E)	19 98013		

For other tappings, please consult us

INCLINED APPLIANCE INLET



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INCLINED SLEEVE



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		30° INCLINED SLEEVE		70° INCLINED SLEEVE	
		REFERENCE		REFERENCE	
DN8	20A	M	19 8A027	-	-
DN1	30A	M	19 1A027	M	87 3A087
DN3	50A	M	19 3A027	M	87 6A087
DN6	90A	M	19 6A027	M	87 9A087
DN9	150A	M	19 9A027	M	87 9A087

	220/250V		380/440V	
	SPNE	3PE	3PNE	
M	19 88015	19 88013	19 88017	
M	19 18015	19 18013	19 18017	
M	19 38015	19 38013	19 38017	
M	19 68015	19 68013	19 68017	
M	19 98032 (2P+E)	19 98013		

PLUG



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HANDLE



CABLE GLAND NOT INCLUDED

+



		STANDARD HANDLE		FLOWERPOT HANDLE		
		Ø mm	REFERENCE	ENTRY	REFERENCE	
DN8	20A	Pe	5-21	19 8A013	Pe M20	19 8A253 417
		N	12-20	19 8A013 03	M M20	19 8A953 417
DN1	30A	Pe	10-30	19 1A013	Pe M20	19 1A253 417
		N	15-27	19 1A013 03	M M20	19 1A953 417
DN3	50A	Pe	13-35	19 3A013	Pe M25	19 3A253 418
		N	20-36	19 3A013 03	M M25	19 3A953 418
DN6	90A	N	13-27	19 6A013 03	Pe M40	19 6A253 420
		N	25-45	19 9A013	M M40	19 6A953 420
DN9	150A	N	25-45	19 9A013	Pe M50	19 9A253 429
		N	25-45	19 9A013	M M50	19 9A953 429

	220/250V		380/440V	
	SPNE	3PE	3PNE	
M	19 88015	19 88013	19 88017	
M	19 18015	19 18013	19 18017	
M	19 38015	19 38013	19 38017	
M	19 68015	19 68013	19 68017	
M	19 98032 (2P+E)	19 98013		

For other tappings, please consult us

Pe POLYAMIDE
N NEOPRENE
M METAL

Example for a plug DN8 20A/400V 3PNE



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PLUG

HANDLE
19 8A013

INLET
19 88 017

These products are also available for many other voltages and frequencies. See page 7

WALL MOUNTING SOCKET



=

WALL BOX

CABLE GLAND NOT INCLUDED



+

30° WALL BOX

70° WALL BOX

ENTRY REFERENCE

ENTRY REFERENCE

DN8	20A	M	M20	19 8A053	-
DN1	30A	M	M20	19 1A053	M M25 87 3A053
DN3	50A	M	M25	19 3A053	M M40 87 6A053
DN6	90A	M	M40	19 6A053	M M50 87 9A053
DN9	150A	M	M50	19 9A053	M M50 87 9A053

For other tappings, please consult us

INCLINED SOCKET



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INCLINED SLEEVE



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30° INCLINED SLEEVE

70° INCLINED SLEEVE

REFERENCE

REFERENCE

DN8	20A	M	19 8A027	-
DN1	30A	M	19 1A027	M 87 3A087
DN3	50A	M	19 3A027	M 87 6A087
DN6	90A	M	19 6A027	M 87 9A087
DN9	150A	M	19 9A027	M 87 9A087

CONNECTOR



=

HANDLE



+

STANDARD HANDLE

FLOWERPOT HANDLE

Ø mm REFERENCE

ENTRY REFERENCE

DN8	20A	Pe	5-21	19 8A013	Pe	M20	19 8A253 417
		N	12-20	19 8A013 03	M	M20	19 8A953 417
DN1	30A	Pe	10-30	19 1A013	Pe	M20	19 1A253 417
		N	15-27	19 1A013 03	M	M20	19 1A953 417
DN3	50A	Pe	13-36	19 3A013	Pe	M25	19 3A253 418
		N	20-36	19 3A013 03	M	M25	19 3A953 418
DN6	90A	N	13-27	19 6A013 03	Pe	M40	19 6A253 420
		N	25-45	19 9A013	M	M40	19 6A953 420
DN9	150A	N	25-45	19 9A013	Pe	M50	19 9A253 429
		N	25-45	19 9A013	M	M50	19 9A953 429

For other tappings, please consult us

SOCKET-OUTLET



	220/250V	380/440V	220/250V
			380/440V
	SPNE	3PE	3PNE
M	19 84015	19 84013	19 84017
M	19 14015	19 14013	19 14017
M	19 34015	19 34013	19 34017
M	19 64015	19 64013	19 64017
M	19 94032 (2P+E)	19 94013	

SOCKET-OUTLET



	220/250V	380/440V	220/250V
			380/440V
	SPNE	3PE	3PNE
M	19 84015	19 84013	19 84017
M	19 14015	19 14013	19 14017
M	19 34015	19 34013	19 34017
M	19 64015	19 64013	19 64017
M	19 94032 (2P+E)	19 94013	

SOCKET-OUTLET



	220/250V	380/440V	220/250V
			380/440V
	SPNE	3PE	3PNE
M	19 84015	19 84013	19 84017
M	19 14015	19 14013	19 14017
M	19 34015	19 34013	19 34017
M	19 64015	19 64013	19 64017
M	19 94032 (2P+E)	19 94013	

Pe POLYAMIDE
N NEOPRENE
M METAL

Emergency stop latch

Add suffix 453 to socket-outlet part number

Optional padlocking

See page 24

Example for a wall mounting socket DN8 20A/400V 3PNE



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WALL MOUNTING SOCKET

WALL BOX
19 8A053

SOCKET-OUTLET
19 84 017

Please contact us if you want to order the following:

HANDLES FOR LARGER SIZED CABLES



SCREW LOCKING - PADLOCKING - MULTIPLE LOCKING



In order to prevent unwanted disconnection and/or to deny access to a socket, different locking mechanisms are available. Also available for inlet/plug lockout.

INLET CAP



	IP55 Inlet cap				
	DN8	DN1	DN3	DN6	DN9
REFERENCE	19 8A126	19 1A126	19 3A126	19 6A126	19 9A126

STOP BUTTON



Sockets can be fitted with a mushroom latch button with a red sticker marked «stop». This allows the quick and safe disconnection of the plugged-in appliance, even with a gloved hand.

DRAW MECHANISM

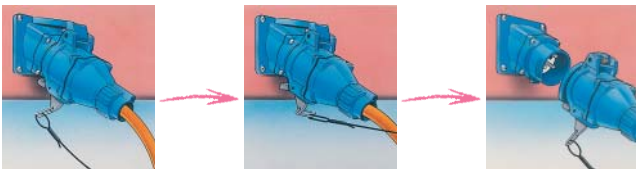


These accessories help inserting DN6 or DN9 plugs into their sockets.

OPTIONS FOR SOCKET LID

Instead of having socket lids self opening, they can also self close, or self open to 180°, or both.

AUTO-EJECTING DECONTACTORS



DN deconnectors can be modified to self-eject. Tension applied to the supply cable causes the socket and inlet to separate thus preventing accidents and minimising damage to mobile appliances. Plugs can self-eject from sockets (except for DN8 and DN3). Connectors can self-eject from fixed inlets. Please ask for our special leaflet.

Road transport vehicles / Electric boats



Applications:

- Battery recharging.
- Refrigerated trailers.
- Taken aboard ship equipment supply.

Benefits:

- Prevent damage if vehicle / boat starts without having first unplugged its connector.
- Watertight versions available.

Fire tenders / Emergency vehicles



Applications:

- Battery recharging.
- Diesel / water heating.

Benefits:

- No tugging or pulling to disengage force-fit connections. Slight tension releases plug. Firemen can leave the station in an emergency without unplugging if necessary.

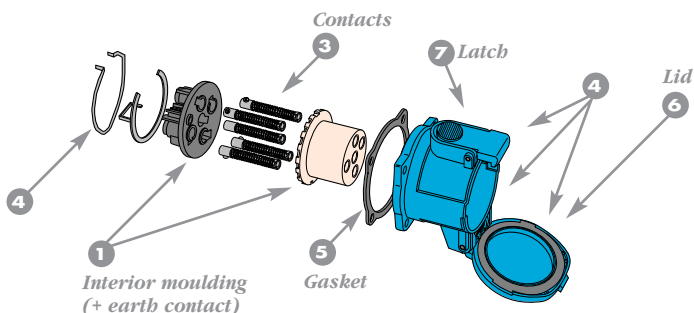
SPARE PARTS

DN

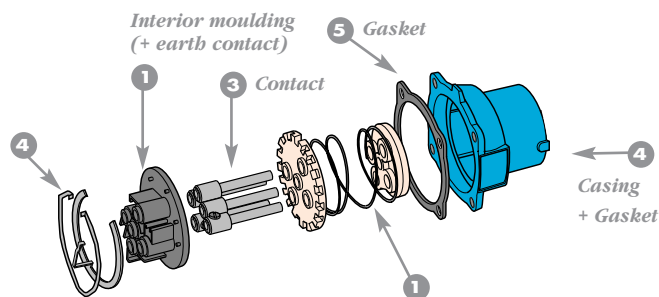
fax 44(0) 1244 851498 or 33(0)1 45 11 60 60

20/150A

SOCKET-OUTLET SPARE PARTS



INLET SPARE PARTS



TO ENSURE YOU RECEIVE THE CORRECT MARECHAL SPARE PARTS, SIMPLY FILL OUT THIS FORM AND FAX IT BACK TO US. FOR UK & EIRE +44 (0)1244 851498 FOR ALL OTHER COUNTRIES +33 (0)1 45 11 60 60 WE WILL SEND IT BACK WITH A QUOTATION NUMBER THAT YOU WILL USE TO PLACE YOUR ORDER

SOCKET-OUTLET

INLET

DESIGNATION OF THE PART (REFER TO THE DRAWING ABOVE):

A RANGE (SEE LABEL ON PRODUCT):

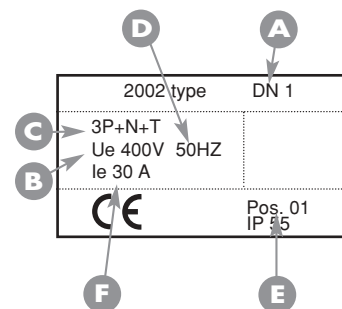
B VOLTAGE:

C POLARITY:

D FREQUENCY:

E NOTCH POSITION EG 01,07:

F CURRENT:



QUANTITY:

CUSTOMER ADDRESS:

COMPANY NAME:

CONTACT NAME:

ADDRESS:

PHONE: FAX:

E-MAIL:

OUR REPLY:

MARECHAL QUOTE NUMBER:

PRICE EACH:

VALIDITY:

PLUGS & SOCKET-OUTLETS **PN**



Complies with IEC/EN 60 309-1 (Max. conductor cross section : 6 mm² flexible)

Compact design (minimal space required)

30A

500V AC and 130V DC

Plug and socket-outlet available in metal or polyamide version (polyester as option)

Degree of protection to IP66 and IP67 as standard

Interior keying system with 16 non-interchangeable positions

Silver-nickel tipped contacts, **oxydisation proof**

Live socket-outlet contacts protected against standard contact test finger (IP2X)

High temperature version available: 185°C (240°C as an option)

Reversible interiors available

Rated current according to IEC/EN60309-1

	MAXIMUM RATED VOLTAGE			Conductor cross-section in mm ²
	400V	500V	flexible	stranded
PN	30A	30A	2,5 to 6	2,5 to 6

WALL MOUNTING APPLIANCE INLET



PN	30A
PN	30A

WALL BOX

CABLE GLAND NOT INCLUDED



STRAIGHT WALL BOX		30° WALL BOX	
ENTRY	REFERENCE	REFERENCE	

Pe	M20	01 NA055	Pe	01 NA053
M	M20	09 NA055		

These products are also available for many other voltages and frequencies. See page 7

INCLINED APPLIANCE INLET



PN	30A
PN	30A

INCLINED SLEEVE



REFERENCE

Pe	01 NA027
M	09 NA027

INLET



	220/250V	380/440V	380/440V
	SPNE	3PE	3PNE
30A	Pe	01 N8015	01 N8013
30A	M	09 N8015	09 N8013
			01 N8017
			09 N8017

PLUG



PN	30A
PN	30A

HANDLE



STRAIGHT HANDLE		INCLINED HANDLE	
ENTRY	REFERENCE	Ø mm	REFERENCE

Pe	8-15	01 NA013	Pe	8-17	01 NA313
Pe	M20*	01 NA753			
M	M20*	09 NA963			

Example for a straight polyamide plug PN 400V 3PNE



SOCKET-OUTLET & ACCESSORIES

WALL MOUNTING SOCKET



PN	30A
PN	30A

WALL BOX

CABLE GLAND NOT INCLUDED



STRAIGHT WALL BOX		30° WALL BOX	
ENTRY	REFERENCE	REFERENCE	

Pe	M20	01 NA055	Pe	01 NA053
M	M20	09 NA055		

Pe POLYAMIDE
M METAL

SOCKET-OUTLET



	220/250V	380/440V	220/250V
	SPNE	3PE	3PNE
30A	Pe	01 N4015	01 N4013
30A	M	09 N4015	09 N4013
			01 N4017
			09 N4017

INCLINED SOCKET



PN	30A
PN	30A

INCLINED SLEEVE



REFERENCE

Pe	01 NA027
M	09 NA027

CONNECTOR



PN	30A
PN	30A

HANDLE



STRAIGHT HANDLE		INCLINED HANDLE	
ENTRY	REFERENCE	Ø mm	REFERENCE

Pe	8-15	01 NA013	Pe	8-17	01 NA313
Pe	M20*	01 NA753			
M	M20*	09 NA963			

Example for a polyamide wall mounting socket PN 400V 3PNE



* Cable gland (8-13 mm) included

Polyester inlet or socket-outlet
Replace letter "N" by letter "S"

Optional padlocking
Please consult us

IP67 Inlet cap
REFERENCE 01NA126

PLUGS & SOCKET-OUTLETS AND DECONTACTORS

STAR DELTA



Star delta configured sockets and decontactors (7 contacts and auxiliaries)

From 16 to 150A

415V Max.

DS: Degree of protection to IP55 as standard

DN: IP55 (cap closed) IP54 (plug connected)

PN7C: Degree of protection to IP66 and IP67 as standard

Complies with IEC/EN 60309-1 standard

Silver-nickel tipped contacts, **oxydisation proof**

Vibration proof terminals

STAR DELTA PLUGS & SOCKET OUTLETS

	Terminals	Rated current (A)	Max. voltage		Max. number of contacts		Max. conductor cross-section in mm ²			Number of non interchangeable positions
			Polyester (V)	Metal (V)	power	auxiliaries	flexible	stranded	auxiliaries	
PN7C	mechanical	16	500	415	7	-	4	6	-	5
DN9C	mechanical	16	-	415	7	2	6	6	6	2
DS7C3	mechanical	50	500	500	7	3	10	16	6	5
DN7C6	mechanical	90	-	415	7	-	25	35	-	1
DS7C9	mechanical	150	-	500	7	2	50	70	1,5	1
DN20C	mechanical	25	-	415	7	2	4	4	4	-

WALL MOUNTING APPLIANCE INLET



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(2)

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		IP	30° WALL BOX		70° WALL BOX	
PN7C	16A		ENTRY Top/Bottom	REFERENCE	ENTRY	REFERENCE
		66/67	Pe Pe M	M20 M20 M20	01 NA 055 (straight) 01 NA 053 09 NA 055 (straight)	- - -
DN9C	16A	54/55*	M	M20	19 1A 053	M M25 87 3A 053
DN20C	25A	54/55*	M	M40	19 6A 053(20°)	M M50 87 3A 053
DS7C3	50A	55	Pe M	M40 M40	31 6A 053 39 6A 053	Pe (2) 51 DA 058 M M40 87 6A 053
DN7C6	90A	54/55*	M	M40	19 6A 053(20°)	M M50 87 9A 053
DS7C9	150A	55	M	M63	39 2A 053(60°)	-

*IP54: Plug inserted *IP55: cap closed

(2): 4 Knock out entries

INLET

	6PE	6PE+2 aux	6PE+3 aux
Pe	01 P 8061	-	-
Pe	01 P 8061	-	-
M	09 P 8061	-	-
M	1918061	1918081 312	-
M	-	-	1968091 263
Pe	-	3138561 172	3138561 263
M	-	3938561 172	3938561 263
M	1968061 ISV	-	-
M	3998061	3998061 172	-

INCLINED APPLIANCE INLET



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		IP	30° INCLINED SLEEVE		70° INCLINED SLEEVE	
PN7C	16A		REFERENCE	REFERENCE	REFERENCE	REFERENCE
			Pe M	01 NA 027 09 NA 027	Pe	51 AA 757
DN9C	16A		M	19 1A 027	M	87 3A 087
DN20C	25A		M	19 6A 027	M	87 9A 087
DS7C3	50A		Pe M	31 6A 027 39 6A 027	Pe M	51 DA 757 87 6A 087
DN7C6	90A		M	19 6A 027	M	87 9A 087
DS7C9	150A		M	39 2A 027	-	-

INLET

	6PE	6PE+2 aux	6PE+3 aux
Pe	01 P 8061	-	-
M	09 P 8061	-	-
M	1918061	1918081 312	-
M	-	-	1968091 263
Pe	-	3138561 172	3138561 263
M	-	3938561 172	3938561 263
M	1968061 ISV	-	-
M	3998061	3998061 172	-

PLUG



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CABLE GLAND NOT INCLUDED

STANDARD HANDLE

FLOWERPOT HANDLE

+



		Ø mm	STANDARD HANDLE		FLOWERPOT HANDLE	
PN7C	16A		REFERENCE	REFERENCE	ENTRY	REFERENCE
			Pe	8-15 01 NA 013	Pe	M20 01 NA 253417
DN9C	16A		Pe	10-30 19 1A 013	Pe	M20 19 1A 253417
DN20C	25A		N	13-27 19 6A 013 03	M	M40 19 6A 953420
DS7C3	50A		Pe	13-35 31 6A 013	Pe M	M40 31 6A 253420 M40 39 6A 953420
DN7C6	90A		N	25-45 19 6A 013	-	-
DS7C9	150A		N	40-58 39 2A 013	-	-

INLET

	6PE	6PE+2 aux	6PE+3 aux
Pe	01 P 8061	-	-
M	09 P 8061	-	-
M	1918061	1918081 312	-
M	-	-	1968091 263
Pe	-	3138561 172	3138561 263
M	-	3938561 172	3938561 263
M	1968061 ISV	-	-
M	3998061	3998061 172	-

Example for a plug DS7C3 polyester 50A/500V max 6P+E+2Aux



PLUG

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HANDLE
31 6A 013

+



INLET
31 38 561 172

P POLYESTER
Pe POLYAMIDE
N NEOPRENE
M METAL

WALL MOUNTING SOCKET



415V
Max. IP

PN7C	16A	66/67
DN9C	16A	54/55*
DN20C	25A	54/55*
DS7C3	50A	55
DN7C6	90A	54/55*
DS7C9	150A	55

*IP54: Plug inserted *IP55: cap closed

WALL BOX

CABLE GLAND NOT INCLUDED



30° WALL BOX

ENTRY	REFERENCE
Top/Bottom	
Pe	M20 01 NA 055 (straight)
Pe	M20 01 NA 053
M	M20 09 NA 055 (straight)

70° WALL BOX

ENTRY	REFERENCE
-	-
-	-

(2)

(2): 4 Knock out entries

SOCKET-OUTLET



	6PE	6PE+2 aux	6PE+3 aux
Pe	01 P 4061	-	-
Pe	01 P 4061	-	-
M	09 P 4061	-	-
M	1914061	1914081 312	-
M	-	-	1964091 263
Pe	-	3134561 172	3134561 263
M	-	3934561 172	3934561 263
M	1964061 ISV	-	-
M	3994061	3994061 172	-

INCLINED SOCKET



415V
Max.

PN7C	16A
DN9C	16A
DN20C	25A
DS7C3	50A
DN7C6	90A
DS7C9	150A

INCLINED SLEEVE



30° INCLINED SLEEVE

REFERENCE	
Pe	01 NA 027
M	09 NA 027

70° INCLINED SLEEVE

REFERENCE	
Pe	51 AA 757

CONNECTOR



415V
Max.

PN7C	16A
DN9C	16A
DN20C	25A
DS7C3	50A
DN7C6	90A
DS7C9	150A

HANDLE



STANDARD HANDLE

Ø mm REFERENCE

	Ø mm	REFERENCE
Pe	8-15	01 NA 013
Pe	10-30	19 1A 013
N	13-27	19 6A 013 03
Pe	13-35	31 6A 013
N	25-45	19 6A 013
N	40-58	39 2A 013

CABLE GLAND NOT INCLUDED

FLOWERPOT HANDLE

ENTRY REFERENCE

	ENTRY	REFERENCE
Pe	M20	01 NA 253417
Pe	M20	19 1A 253417
M	M40	19 6A 953420
Pe	M40	31 6A 253420
M	M40	39 6A 953420

SOCKET-OUTLET



	6PE	6PE+2 aux	6PE+3 aux
Pe	01 P 4061	-	-
Pe	01 P 4061	-	-
M	09 P 4061	-	-
M	1914061	1914081 312	-
M	-	-	1964091 263
Pe	-	3134561 172	3134561 263
M	-	3934561 172	3934561 263
M	1964061 ISV	-	-
M	3994061	3994061 172	-

Emergency stop latch

Add suffix **453** to socket-outlet part number

Optional padlocking

Please consult us

Example of a wall mounting socket DS7C3 polyester 50A/500V max 6PE+2Aux



WALL MOUNTING SOCKET

=



WALL BOX
51 DA058

+



SOCKET-OUTLET
3134 561 172

P POLYESTER
Pe POLYAMIDE
N NEOPRENE
M METAL

PLUGS & SOCKET-OUTLETS

MULTICONTACTS



Multicontacts from 6 to 37 contacts

From 5 to 25A

Voltage up to 500V AC

Polyester or metal bodied

Silver-nickel tipped contacts, **oxydisation proof**

Different degrees of protection available

	Terminals	Rated current (A)	Max. voltage (V)		Max. number of contacts	Max. conductor cross-section in mm ² flexible stranded		Non interchangeable positions	IP standard
			Poly (V)	Metal (V)					
DSN24C	solder	5/10	415	-	24	1,5	2,5	3	67
DSN37C	solder	5/10	415	-	37	1,5	2,5	3	67
PN12C	solder	5/10	500	415	12	1,5	2,5	6	66/67
PN7C	mechanical	16/25	500	415	7	4	6	5	66/67
DN9C	mechanical	16/25	-	415	9	6	6	2	54/55*
DN20C	mechanical	16/25	-	415	20	6	6	16	54/55*

*IP54: Plug inserted

*IP55: cap closed

PN RANGE - IP66/67 - 6P and 5P+E : 10A, other : 5A

WALL MOUNTING APPLIANCE INLET



From 6 to 12 contacts

WALL BOX

CABLE GLAND NOT INCLUDED



STRAIGHT WALL BOX

	ENTRY	REFERENCE
Pe	M20	01 NA 055
M	M20	09 NA 055

30° WALL BOX

	ENTRY	REFERENCE
Pe	M20	01 NA 053

INCLINED APPLIANCE INLET



From 6 to 12 contacts

INCLINED SLEEVE



30° SLEEVE

	REFERENCE
Pe	01 NA 027
M	09 NA 027

70° SLEEVE

	REFERENCE
Pe	51 AA 757

PLUG



From 6 to 12 contacts

HANDLE



CABLE GLAND NOT INCLUDED

	Ø mm	REFERENCE	ENTRY	REFERENCE
Pe	8-17	01 NA 313(angled)	M20	01 NA 253 417
Pe	8-15	01 NA 013(straight)		

INLET

WITHOUT EARTH CONTACT

50V

WITH EARTH CONTACT

500V

PN12C	Pe	6P	01M8060	5P+E	01M8051
	Pe	7P	01M8070	6P+E	01M8061
	Pe	8P	01M8080	7P+E	01M8071
	Pe	9P	01M8090	8P+E	01M8081
	Pe	10P	01M8100	9P+E	01M8091
	Pe	11P	01M8110	10P+E	01M8101
	Pe	12P	01M8120	11P+E	01M8111

50V

415V

PN12C	M	6P	09M8060	5P+E	09M8051
	M	7P	09M8070	6P+E	09M8061
	M	8P	09M8080	7P+E	09M8071
	M	9P	09M8090	8P+E	09M8081
	M	10P	09M8100	9P+E	09M8091
	M	11P	09M8110	10P+E	09M8101
	M	12P	09M8120	11P+E	09M8111

OTHER ACCESSORIES AND OPTIONS

REFER TO RANGE PN Page 27

DSN RANGE - IP67 : 5A

WALL MOUNTING APPLIANCE INLET



From 13 to 24 contacts
From 25 to 37 contacts

(1) 4 Knock-out entries (2 x M16 to M32 + 2 x PG 11 to PG 29)

WALL BOX

CABLE GLAND NOT INCLUDED



STRAIGHT WALL BOX

	ENTRY	REFERENCE
Pe	M20	61 3A 053
Pe	M25	61 6A 053

30° WALL BOX

	ENTRY	REFERENCE
Pe	(1)	51 BA 058
Pe	(2)	51 CA 058

INCLINED APPLIANCE INLET



From 13 to 24 contacts
From 25 to 37 contacts

INCLINED SLEEVE



30° SLEEVE

	REFERENCE
Pe	61 3A 027
Pe	61 6A 027

70° SLEEVE

	REFERENCE
Pe	51 BA 757
Pe	51 CA 757

PLUG



From 13 to 24 contacts
From 25 to 37 contacts

HANDLE



CABLE GLAND NOT INCLUDED

	Ø mm	REFERENCE	ENTRY	REFERENCE
Pe	5-21	61 3A 013	M20	61 3A 0253 417
Pe	10-30	61 6A 013	M25	61 6A 0253 418

INLET

WITHOUT EARTH CONTACT

50V

WITH EARTH CONTACT

415V

DSN24C	P	13P	6108130	12P+E	6108121
	P	14P	6108140	13P+E	6108131
	P	15P	6108150	14P+E	6108141
	P	16P	6108160	15P+E	6108151
	P	17P	6108170	16P+E	6108161
	P	18P	6108180	17P+E	6108171
	P	19P	6108190	18P+E	6108181
	P	20P	6108200	19P+E	6108191
	P	21P	6108210	20P+E	6108201
	P	22P	6108220	21P+E	6108211
	P	23P	6108230	22P+E	6108221
	P	24P	6108240	23P+E	6108231

OTHER ACCESSORIES AND OPTIONS

REFER TO RANGE DSN3 Page 9

50V

415V

DSN37C	P	25P	6108250	24P+E	6108241
	P	26P	6108260	25P+E	6108251
	P	27P	6108270	26P+E	6108261
	P	28P	6108280	27P+E	6108271
	P	29P	6108290	28P+E	6108281
	P	30P	6108300	29P+E	6108291
	P	31P	6108310	30P+E	6108301
	P	32P	6108320	31P+E	6108311
	P	33P	6108330	32P+E	6108321
	P	34P	6108340	33P+E	6108331
	P	35P	6108350	34P+E	6108341
	P	36P	6108360	35P+E	6108351
	P	37P	6108370	36P+E	6108361

OTHER ACCESSORIES AND OPTIONS

REFER TO RANGE DSN6 Page 9

Inlet cap

Add suffix 126 to inlet part number

To order fewer contacts

Simply change the last 3 digits as follows:

5th and 6th digits: No of poles

7th digit: 0 → Without earth

1 → With earth

e.g. for an inlet PN12C poly 5P:
order 01 M8050

Example for a plug DSN37C 5A 30P



PLUG



HANDLE
61 6A 013



INLET
61 08 300

P POLYESTER
Pe POLYAMIDE
M METAL

PN RANGE - IP66/67 - SP+E and 6P : 10A, other : 5A

WALL MOUNTING APPLIANCE INLET



From 6 to 12 contacts

WALL BOX

CABLE GLAND NOT INCLUDED



STRAIGHT WALL BOX

	ENTRY	REFERENCE
Pe	M20	01 NA 055
M	M20	09 NA 055

30° WALL BOX

	ENTRY	REFERENCE
Pe	M20	01 NA 053

INCLINED SOCKET



From 6 to 12 contacts

INCLINED SLEEVE



30° SLEEVE

	REFERENCE
Pe	01 NA 027
M	09 NA 027

70° SLEEVE

	REFERENCE
Pe	51 AA 757

CONNECTOR



From 6 to 12 contacts

HANDLE



CABLE GLAND NOT INCLUDED

Ø mm	REFERENCE	ENTRY	REFERENCE
Pe	8-17 01 NA 313(angled)	Pe	M20 01 NA 253 417
Pe	8-15 01 NA 013(straight)		

SOCKET-OUTLET

WITHOUT EARTH CONTACT

50V

WITH EARTH CONTACT

500V

PN12C

Pe	6P	01M4060	5P+E	01M4051
Pe	7P	01M4070	6P+E	01M4061
Pe	8P	01M4080	7P+E	01M4071
Pe	9P	01M4090	8P+E	01M4081
Pe	10P	01M4100	9P+E	01M4091
Pe	11P	01M4110	10P+E	01M4101
Pe	12P	01M4120	11P+E	01M4111

50V

415V

PN12C

M	6P	09M4060	5P+E	09M4051
M	7P	09M4070	6P+E	09M4061
M	8P	09M4080	7P+E	09M4071
M	9P	09M4090	8P+E	09M4081
M	10P	09M4100	9P+E	09M4091
M	11P	09M4110	10P+E	09M4101
M	12P	09M4120	11P+E	09M4111

OTHER ACCESSORIES AND OPTIONS

REFER TO RANGE **PN** Page 27

DSN RANGE - IP67 : 5A

WALL MOUNTING SOCKET



From 13 to 24 contacts
From 25 to 37 contacts

WALL BOX

CABLE GLAND NOT INCLUDED



STRAIGHT WALL BOX

	ENTRY	REFERENCE
Pe	M20	61 3A 053
Pe	M25	61 6A 053

30° WALL BOX

	ENTRY	REFERENCE
Pe	(1)	51 BA 058
Pe	(2)	51 CA 058

INCLINED SOCKET



From 13 to 24 contacts
From 25 to 37 contacts

INCLINED SLEEVE



30° SLEEVE

	REFERENCE
Pe	61 3A 027
Pe	61 6A 027

70° SLEEVE

	REFERENCE
Pe	51 BA 757
Pe	51 CA 757

CONNECTOR



From 13 to 24 contacts
From 25 to 37 contacts

HANDLE



CABLE GLAND NOT INCLUDED

Ø mm	REFERENCE	ENTRY	REFERENCE
Pe	5-21 61 3A 013	Pe	M20 61 3A 0253 417
Pe	10-30 61 6A 013	Pe	M25 61 6A 0253 418

SOCKET-OUTLET

WITHOUT EARTH CONTACT

50V

WITH EARTH CONTACT

415V

DSN24C

P	13P	6104130	12P+E	6104121
P	14P	6104140	13P+E	6104131
P	15P	6104150	14P+E	6104141
P	16P	6104160	15P+E	6104151
P	17P	6104170	16P+E	6104161
P	18P	6104180	17P+E	6104171
P	19P	6104190	18P+E	6104181
P	20P	6104200	19P+E	6104191
P	21P	6104210	20P+E	6104201
P	22P	6104220	21P+E	6104211
P	23P	6104230	22P+E	6104221
P	24P	6104240	23P+E	6104231

OTHER ACCESSORIES AND OPTIONS

REFER TO RANGE **DSN3** Page 10

50V

415V

DSN37C

P	25P	6104250	24P+E	6104241
P	26P	6104260	25P+E	6104251
P	27P	6104270	26P+E	6104261
P	28P	6104280	27P+E	6104271
P	29P	6104290	28P+E	6104281
P	30P	6104300	29P+E	6104291
P	31P	6104310	30P+E	6104301
P	32P	6104320	31P+E	6104311
P	33P	6104330	32P+E	6104321
P	34P	6104340	33P+E	6104331
P	35P	6104350	34P+E	6104341
P	36P	6104360	35P+E	6104351
P	37P	6104370	36P+E	6104361

OTHER ACCESSORIES AND OPTIONS

REFER TO RANGE **DSN6** Page 10

P POLYESTER

Pe POLYAMIDE

M METAL

PN RANGE- IP66/67 : 16A

WALL MOUNTING APPLIANCE INLET



=



+

INLET



WITHOUT EARTH CONTACT

WITH EARTH CONTACT

50V

500V

Pe 6P 01P8060
Pe 7P 01P8070

5P+E 01P8051
6P+E 01P8061

50V

415V

M 6P 09P8060
M 7P 09P8070

5P+E 09P8051
6P+E 09P8061

OTHER ACCESSORIES AND OPTIONS

REFER TO RANGE **PN** Page 27

INCLINED APPLIANCE INLET



=



+

INCLINED SLEEVE

30° SLEEVE

70° SLEEVE

Pe REFERENCE
M 01 NA 027
M 09 NA 027

Pe REFERENCE
51 AA 757

From 6 to 7 contacts

PLUG



=



+

HANDLE

CABLE GLAND NOT INCLUDED

Ø mm REFERENCE
Pe 8-17 01 NA 313(angled)
Pe 8-15 01 NA 013(straight)

Pe ENTRY REFERENCE
M20 01 NA 253 417

From 6 to 7 contacts

DN RANGE - IP54 (PLUG CONNECTED) IP55 (cap CLOSED)

5P+E, 6P, 10P, 9P+E, 10P+E, 11P, 11P+E and 12P : 25A, other : 16A

WALL MOUNTING APPLIANCE INLET



=



+

INLET



WITHOUT EARTH CONTACT

WITH EARTH CONTACT

50V

415V

M 6P 1918060
M 7P 1918070
M 8P 1918080
M 9P 1918090

5P+E 1918051
6P+E 1918061
7P+E 1918071
8P+E 1918081

OTHER ACCESSORIES AND OPTIONS

REFER TO RANGE **DN1** Page 24

INCLINED APPLIANCE INLET



=



+

INCLINED SLEEVE

30° SLEEVE

70° SLEEVE

Pe REFERENCE
M 19 1A 027
M 19 6A 027

Pe REFERENCE
87 3A 087
87 9A 087

From 6 to 9 contacts
From 10 to 20 contacts

PLUG



=



+

HANDLE

Pe Ø mm REFERENCE
10-30 19 1A 013

N Ø mm REFERENCE
13-27 19 6A 013 03

From 6 to 9 contacts
From 10 to 20 contacts

		50V	415V
DN20C	M	10P 1968100	9P+E 1968091
	M	11P 1968110	10P+E 1968101
	M	12P 1968120	11P+E 1968111
	M	13P 1968130	12P+E 1968121
	M	14P 1968140	13P+E 1968131
	M	15P 1968150	14P+E 1968141
	M	16P 1968160	15P+E 1968151
	M	17P 1968170	16P+E 1968161
	M	18P 1968180	17P+E 1968171
	M	19P 1968190	18P+E 1968181
M	20P 1968200	19P+E 1968191	

OTHER ACCESSORIES AND OPTIONS

REFER TO RANGE **DN6** Page 24

Example for a plug DN20C 16A 19P+E



PLUG



HANDLE
19 6A 013



INLET
19 68 191

P POLYESTER
Pe POLYAMIDE
N NEOPRENE
M METAL

PN RANGE - IP66/67 : 16A

WALL MOUNTING SOCKET



From 6 to 7 contacts

WALL BOX

CABLE GLAND NOT INCLUDED



STRAIGHT WALL BOX

Pe	ENTRY	REFERENCE
M	M20	01 NA 055
M	M20	09 NA 055

30° WALL BOX

Pe	ENTRY	REFERENCE
M	M20	01 NA 053

INCLINED SOCKET



From 6 to 7 contacts

INCLINED SLEEVE



30° SLEEVE

Pe	REFERENCE
M	01 NA 027
M	09 NA 027

70° SLEEVE

Pe	REFERENCE
M	51 AA 757

CONNECTOR



From 6 to 7 contacts

HANDLE



CABLE GLAND NOT INCLUDED

Pe	Ø mm	REFERENCE
Pe	8-17	01 NA 313(angled)
Pe	8-15	01 NA 013(straight)

Pe	ENTRY	REFERENCE
M	M20	01 NA 253 417

SOCKET-OUTLET



WITHOUT EARTH CONTACT

50V

Pe	6P	01P4060
Pe	7P	01P4070

WITH EARTH CONTACT

500V

5P+E	01P4051
6P+E	01P4061

PN7C

50V

M	6P	09P4060
M	7P	09P4070

415V

5P+E	09P4051
6P+E	09P4061

OTHER ACCESSORIES AND OPTIONS
REFER TO RANGE **PN** Page 27

DN RANGE - IP54 (PLUG CONNECTED) IP55 (cap CLOSED)

5P+E, 6P, 10P, 9P+E, 10P+E, 11P, 11P+E and 12P : 25A other : 16A

WALL MOUNTING SOCKET



From 6 to 9 contacts
From 10 to 20 contacts

WALL BOX



30° WALL BOX

M	ENTRY	REFERENCE
M	M20	19 1A 053
M	M40	19 6A 053

70° WALL BOX

M	ENTRY	REFERENCE
M	M25	87 3A 053
M	M50	87 9A 053

INCLINED SOCKET



From 6 to 9 contacts
From 10 to 20 contacts

INCLINED SLEEVE



30° SLEEVE

M	REFERENCE
M	19 1A 027
M	19 6A 027

70° SLEEVE

M	REFERENCE
M	87 3A 087
M	87 9A 087

CONNECTOR



From 6 to 9 contacts
From 10 to 20 contacts

HANDLE



Pe	Ø mm	REFERENCE
Pe	10-30	19 1A 013

N	Ø mm	REFERENCE
N	13-27	19 6A 013 03

SOCKET-OUTLET



WITHOUT EARTH CONTACT

50V

M	6P	1914060
M	7P	1914070
M	8P	1914080
M	9P	1914090

WITH EARTH CONTACT

415V

5P+E	1914051
6P+E	1914061
7P+E	1914071
8P+E	1914081

DN9C

OTHER ACCESSORIES AND OPTIONS
REFER TO RANGE **DN 1** Page 24

50V

M	10P	1964100
M	11P	1964110
M	12P	1964120
M	13P	1964130
M	14P	1964140
M	15P	1964150
M	16P	1964160
M	17P	1964170
M	18P	1964180
M	19P	1964190
M	20P	1964200

415V

9P+E	1964091
10P+E	1964101
11P+E	1964111
12P+E	1964121
13P+E	1964131
14P+E	1964141
15P+E	1964151
16P+E	1964161
17P+E	1964171
18P+E	1964181
19P+E	1964191

OTHER ACCESSORIES AND OPTIONS
REFER TO RANGE **DN 6** Page 24

Emergency stop latch

Add suffix **453** to socket-outlet part number

Optional padlocking

Please consult us

Example for a wall mounting socket DN20C 16A 19P+E



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+



WALL MOUNTING SOCKET

WALL BOX
19 6A 053

SOCKET-OUTLET
19 64 191

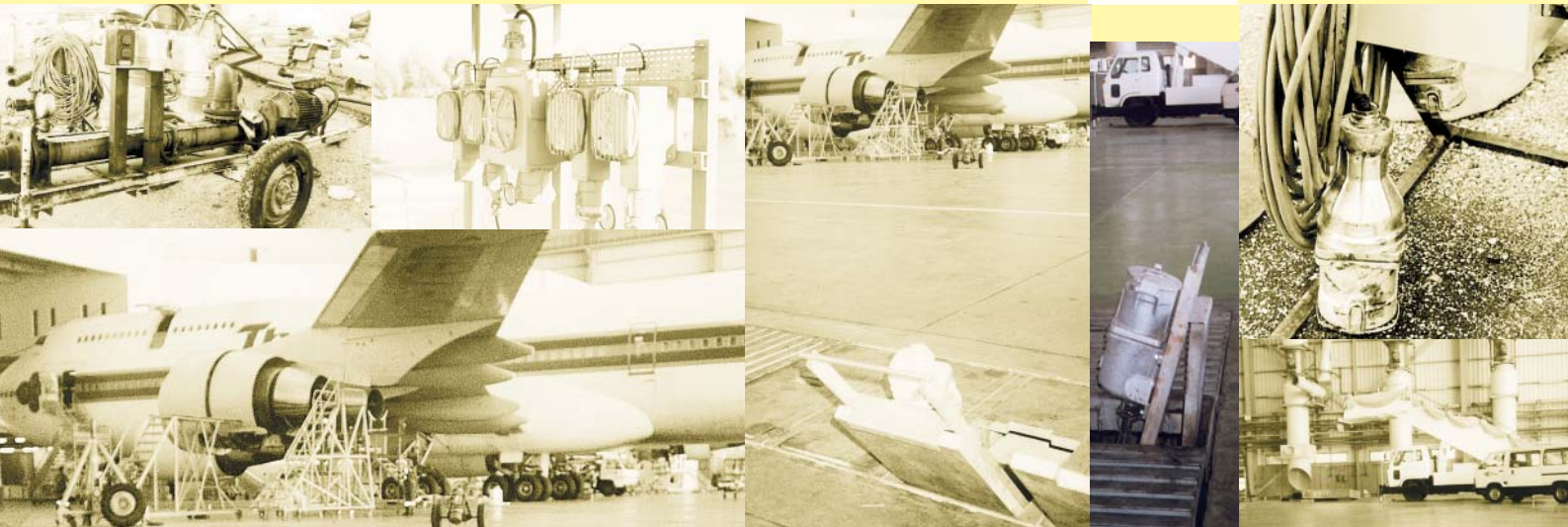
P POLYESTER
Pe POLYAMIDE
N NEOPRENE
M METAL

EXPLOSION PROOF

DECONTACTORS



DXN



Zone 1 & 2 gas, 21& 22 dust plugs & sockets-outlets with built-in switching device as defined in clause 2.8 of IEC/EN 60309-1

Safety 'ed' EEx ed IIC T6 (DXN6 : EEx ed IIC T6 : 60A / EEx IIC T5 : 63 A)

From 32 to 63A, Voltage range up to 690VAC (For 20A, Voltage range up to 500VAC)

Degree of protection IP66 and IP67

Suitable for gas and dust hazardous areas

Complies with ATEX 94/9/CE directive

Compatible with DSN series (p 6 to 10)

Complies with EN50014/18/19 and IEC 60079 standards (explosion-proof products)

Complies with IEC/EN 60 309-1 (industrial plugs & socket outlets)

Ability to make and break under overload conditions to IEC/EN 60947-3 standard class **AC23** or **AC22**: for switching motors or other highly inductive loads (AC23) or for switching of mixed resistive and inductive loads (AC22)

Body made of self-extinguishing glassfibre reinforced polyester

Very compact design

Safety shutter shielding recessed live parts IP5X with lid opened

Silver-nickel tipped, spring loaded contacts - not affected by oxidation

Vibration proof terminals

Interior keying system with 24 non-interchangeable positions

*Rated current from 20 to 63A according to IEC/EN60309-1
and AC23 or AC22 load break switch according to IEC/EN 60947-3*

	MAXIMUM RATED VOLTAGE						Conductor cross-section in mm ²		
	IEC/EN 60309-1			IEC/EN 60947-3			flexible	stranded	auxiliaries (flexible)
	500V	690V	415V	500V	690V				
DXN1	20A	-	20A-AC23	20A-AC22	-	1 to 4	1,5 to 6	-	
DXN3	-	32A	32A-AC23	32A-AC22	32A-AC22	2,5 to 10	2,5 to 16	-	
DXN3 + 2 aux.	32A	-	32A-AC23	32A-AC22	-	2,5 to 10	2,5 to 16	2,5	
DXN6	-	63A	63A-AC23	63A-AC22	63A-AC22	6 to 16	6 to 25	-	
DXN6 + 2 aux.	63A	-	63A-AC23	63A-AC22	-	6 to 16	6 to 25	2,5	

These products are also available for many other voltages and frequencies. See page 7

WALL MOUNTING APPLIANCE INLET



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WALL BOX



- DXN1** 20A
- DXN3** 32A
- DXN3 + 2 aux.** 32A 5A
- DXN6** 63A
- DXN6 + 2 aux.** 63A 5A

ENTRY (mm)	REFERENCE	REFERENCE
P M 20 (8-13)	25 1A B53	25 1AB 58
P M 20 (8-13)	25 3A B53	-
P M 25 (13-19)	25 3A B83	25 3AB 58
P M 20 (8-13)	25 3A B53	-
P M 25 (13-19)	25 3A B83	25 3AB 58
P M 25 (13-19)	25 6A B53	-
P M 32 (17-25)	-	25 6AB 58
P M 25 (13-19)	25 6A B53	-
P M 32 (17-25)	-	25 6AB 58

(1): 30° wall boxes are delivered with one blanking plug and one cable gland
 (2): 70° wall boxes are delivered with one cable gland.
 For other tappings consult us.

INLET

+

20/24V	110/130V	220/250V	380/440V	
2P	1P+N+E	1P+N+E	3P+E	3P+N+E
P 251808A	2518035	2518015	2518013*	2518017*
P 253808A	2538035	2538015	2538013	2538017
P 253808A 972	2538035 972	2538015 972	2538013 972	2538017 972
P 256808A	2568035	2568015	2568013	2568017
P 256808A 972	2568035 972	2568015 972	2568013 972	2568017 972

* (380/415V only) suffix **972** = 2 aux

INCLINED APPLIANCE INLET



=

INCLINED SLEEVE



- DXN1** 20A
- DXN3** 32A
- DXN3 + 2 aux.** 32A 5A
- DXN6** 63A
- DXN6 + 2 aux.** 63A 5A

REFERENCE	REFERENCE
P 25 1A 027	25 1A 757
P 25 3A 027	25 3A 757
P 25 3A 027	25 3A 757
P 25 6A 027	25 6A 757
P 25 6A 027	25 6A 757

INLET

+

20/24V	110/130V	220/250V	380/440V	
2P	1P+N+E	1P+N+E	3P+E	3P+N+E
P 251808A	2518035	2518015	2518013*	2518017*
P 253808A	2538035	2538015	2538013	2538017
P 253808A 972	2538035 972	2538015 972	2538013 972	2538017 972
P 256808A	2568035	2568015	2568013	2568017
P 256808A 972	2568035 972	2568015 972	2568013 972	2568017 972

* (380/415V only) suffix **972** = 2 aux

PLUG "ed"



=

HANDLE



- DXN1** 20A
- DXN3** 32A
- DXN3 + 2 aux.** 32A 5A
- DXN6** 63A
- DXN6 + 2 aux.** 63A 5A

CABLE GLAND INCLUDED

ENTRY (mm)	REFERENCE
P M 20 (8-13)	25 1A 753
P M 25 (13-19)	25 3A 753
P M 20 (8-13)	25 3A 753
P M 25 (13-19)	25 3A 783
P M 25 (13-19)	25 6A 753
P M25 (13-19)	25 6A 753

INLET

+

20/24V	110/130V	220/250V	380/440V	
2P	1P+N+E	1P+N+E	3P+E	3P+N+E
P 251808A	2518035	2518015	2518013*	2518017*
P 253808A	2538035	2538015	2538013	2538017
P 253808A 972	2538035 972	2538015 972	2538013 972	2538017 972
P 256808A	2568035	2568015	2568013	2568017
P 256808A 972	2568035 972	2568015 972	2568013 972	2568017 972

* (380/415V only) suffix **972** = 2 aux

P POLYESTER

For other gland arrangements, consult us.
 DXN (1-3) PLUGS ARE COMPATIBLE WITH DSN (1-3) SOCKET-OUTLETS.



These products are also available for many other voltages and frequencies. See page 7

WALL MOUNTING SOCKET



- DXN1** 20A
- DXN3** 32A
- DXN3 + 2 aux.** 32A, 5A
- DXN6** 63A
- DXN6 + 2 aux.** 63A, 5A

WALL BOX

CABLE GLAND INCLUDED



	(1) 30° WALL BOX	(2) 70° WALL BOX
ENTRY (mm)	REFERENCE	REFERENCE
P M 20 (8-13)	25 1A B53	25 1AB 58
P M 20 (8-13)	25 3A B53	-
P M 25 (13-19)	25 3A B83	25 3AB 58
P M 20 (8-13)	25 3A B53	-
P M 25 (13-19)	25 3A B83	25 3AB 58
P M 25 (13-19)	25 6A B53	-
P M 32 (17-25)	-	25 6AB 58
P M 25 (13-19)	25 6A B53	-
P M 32 (17-25)	-	25 6AB 58

SOCKET OUTLET



	20/24V	110/130V	220/250V	380/440V	220/250V 380/440V
	2-P	SPNE	SPNE	3PE	3PNE
	251408A	2514035	2514015	2514013*	2514017*
	253408A	2534035	2534015	2534013	2534017
	253408A 972	2534035 972	2534015 972	2534013 972	2534017 972
	256408A	2564035	2564015	2564013	2564017
	256408A 972	2564035 972	2564015 972	2564013 972	2564017 972

(1): 30° wall boxes are delivered with one blanking plug and one cable gland
 (2): 70° wall boxes are delivered with one cable gland. For other tappings consult us.

*(380/415V only) suffix 972 = 2aux

INCLINED SOCKET



- DXN1** 20A
- DXN3** 32A
- DXN3 + 2 aux.** 32A, 5A
- DXN6** 63A
- DXN6 + 2 aux.** 63A, 5A

INCLINED SLEEVE



	30° SLEEVE	70° SLEEVE
REFERENCE	REFERENCE	REFERENCE
P 25 1A 027	25 1A 027	25 1A 757
P 25 3A 027	25 3A 027	25 3A 757
P 25 3A 027	25 3A 027	25 3A 757
P 25 6A 027	25 6A 027	25 6A 757
P 25 6A 027	25 6A 027	25 6A 757

SOCKET OUTLET



	20/24V	110/130V	220/250V	380/440V	220/250V 380/440V
	2P	SPNE	SPNE	3PE	3PNE
	251408A	2514035	2514015	2514013*	2514017*
	253408A	2534035	2534015	2534013	2534017
	253408A 972	2534035 972	2534015 972	2534013 972	2534017 972
	256408A	2564035	2564015	2564013	2564017
	256408A 972	2564035 972	2564015 972	2564013 972	2564017 972

*(380/415V only) suffix 972 = 2aux

CONNECTOR



- DXN1** 20A
- DXN3** 32A
- DXN3 + 2 aux.** 32A, 5A
- DXN6** 63A
- DXN6 + 2 aux.** 63A, 5A

HANDLE



	CABLE GLAND INCLUDED	
ENTRY (mm)	REFERENCE	REFERENCE
P M 20 (8-13)	25 1A 753	25 1A 753
P M 25 (13-19)	25 3A 753	25 3A 753
P M 20 (8-13)	25 3A 753	25 3A 753
P M 25 (13-19)	25 3A 783	25 3A 783
P M 25 (13-19)	25 6A 753	25 6A 753
P M25 (13-19)	25 6A 753	25 6A 753

SOCKET OUTLET



	20/24V	110/130V	220/250V	380/440V	220/250V 380/440V
	2P	SPNE	SPNE	3PE	3PNE
	251408A	2514035	2514015	2514013*	2514017*
	253408A	2534035	2534015	2534013	2534017
	253408A 972	2534035 972	2534015 972	2534013 972	2534017 972
	256408A	2564035	2564015	2564013	2564017
	256408A 972	2564035 972	2564015 972	2564013 972	2564017 972

*(380/415V only) suffix 972 = 2aux P POLYESTER

Other entries available from 10 to 25 mm.

Please contact us if you want to order the following:

SCREW LOCKING - PADLOCKING - MULTIPLE LOCKING



In order to prevent unwanted disconnection and/or to deny access to a socket, different locking mechanisms are available. This is also available for inlet/plug lockout.

IP67 INLET CAP



Plug contacts can be protected with this rubber cap. Add suffix 126 to inlet part number.

STOP BUTTON



Sockets can be fitted with a mushroom latch button with a red sticker marked «stop». This allows the quick and safe disconnection of the plugged-in appliance, even with a gloved hand.

OPTIONS FOR SOCKET LID

Instead of having socket lids self opening, they can also self close, or self open to 180°.

Please contact us for products complying with American or Australian standards.

▼ Example **PLUG:** DXN1 - 20A - 400V - 3P+N+E - IIC T6

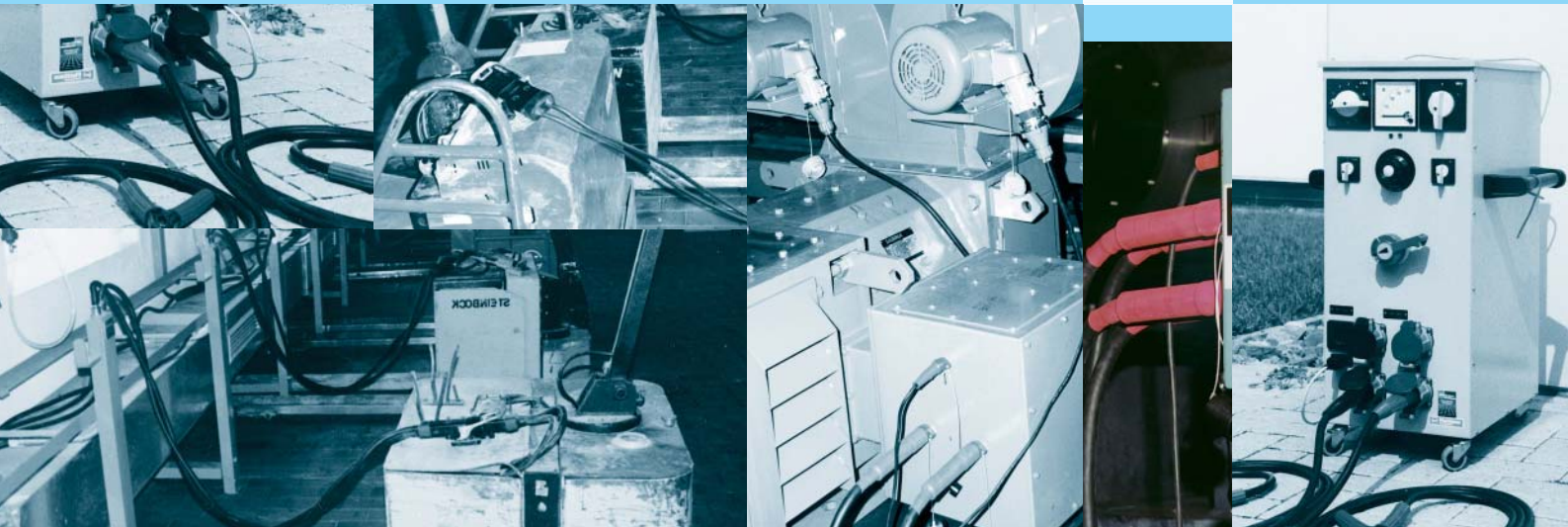


▼ Example **WALL MOUNTING SOCKET:** DXN1 - 20A - 400V - 3P+N+E - IIC T6



CONNECTORS

CS / CCH



CS

Single pole connectors from 16 to 150 mm²

From 75 to 500A

Voltage up to 50V AC

Self-cleaning contacts

Degree of protection to IP45 when mated

Silver-nickel tipped contacts, **oxydisation proof**

Crimped or soldered rewirable connections

Bayonet twist-lock

CS				
	(mm ²)	Rated current permanent use (A)	Max. current temporary use	
			60% (A)	30% (A)
CS2	16	75	100	150
	30	100	125	200
	40	125	150	250
	50	150	200	300
CS3	50	150	200	300
	75	200	250	350
	100	250	300	400
CS5	120	275	350	450
	150	325	450	500

CCH

Battery charger connector 200A - 500V

With and without earth contact

Accepts 16 to 75 mm² conductors

Degree of protection to IP45 when mated

Silver-nickel tipped contacts, **oxydisation proof**

Simple lever operation

Crimped or soldered rewirable connections

CCH		
	Wiring (mm ²)	Rated current (A)
CCH	16	75
	30	100
	40	125
	50	150
	75	200

PLUG

CS2	M10 FERRULE 16 mm ²	4-0201-016
	M10 FERRULE 30 mm ²	4-0201-030
	M10 FERRULE 40 mm ²	4-0201-040
	M10 FERRULE 50 mm ²	4-0201-050
	Without ferrule	4-0201
	M10 SCREW	-
CS3	M14 FERRULE 50 mm ²	4-0301-050
	M14 FERRULE 75 mm ²	4-0301-075
	M14 FERRULE 100 mm ²	4-0301-100
	Without ferrule	4-0301
	M14 SCREW	-
CS5	M14 FERRULE 120 mm ²	4-0501-120
	M14 FERRULE 150 mm ²	4-0501-150
	Without ferrule	4-0501
	M14 SCREW	-



INLET

4-2901-016
4-2901-030
4-2901-040
4-2901-050
4-2901
4-2901-121
4-3901-050
4-3901-075
4-3901-100
4-3901
4-3901-121
4-5901-120
4-5901-150
4-5901
4-5901-121



SOCKET

CS2	M10 FERRULE 16 mm ²	4-2401-016
	M10 FERRULE 30 mm ²	4-2401-030
	M10 FERRULE 40 mm ²	4-2401-040
	M10 FERRULE 50 mm ²	4-2401-050
	Without ferrule	4-2401
	M10 SCREW	4-2401-121
CS3	M14 FERRULE 50 mm ²	4-3401-050
	M14 FERRULE 75 mm ²	4-3401-075
	M14 FERRULE 100 mm ²	4-3401-100
	Without ferrule	4-3401
	M14 SCREW	4-3401-121
CS5	M14 FERRULE 120 mm ²	4-5401-120
	M14 FERRULE 150 mm ²	4-5401-150
	Without ferrule	4-5401
	M14 SCREW	4-5401-121



CONNECTOR

4-2301-016
4-2301-030
4-2301-040
4-2301-050
4-2301
-
4-3301-050
4-3301-075
4-3301-100
4-3301
-
4-5301-120
4-5301-150
4-5301
-



To protect contacts

To protect contacts when not in use, CS sockets and inlets can be assembled inside lid sprung closed PN or DS socket casings.
Please consult us.

SOCKET



WIRING (mm ²)	BLACK POLYAMIDE		GREY POLYAMIDE	
	2P+PILOT 50V	2P+E+PILOT 500V	2P+PILOT 50V	2P+E+PILOT 500V
16	5-2106-016	5-2107-016	5-2105-016	5-2109-016
30	5-2106-030	5-2107-030	5-2105-030	5-2109-030
40	5-2106-040	5-2107-040	5-2105-040	5-2109-040
50	5-2106-050	5-2107-050	5-2105-050	5-2109-050
75	5-2106-075	5-2107-075	5-2105-075	5-2109-075

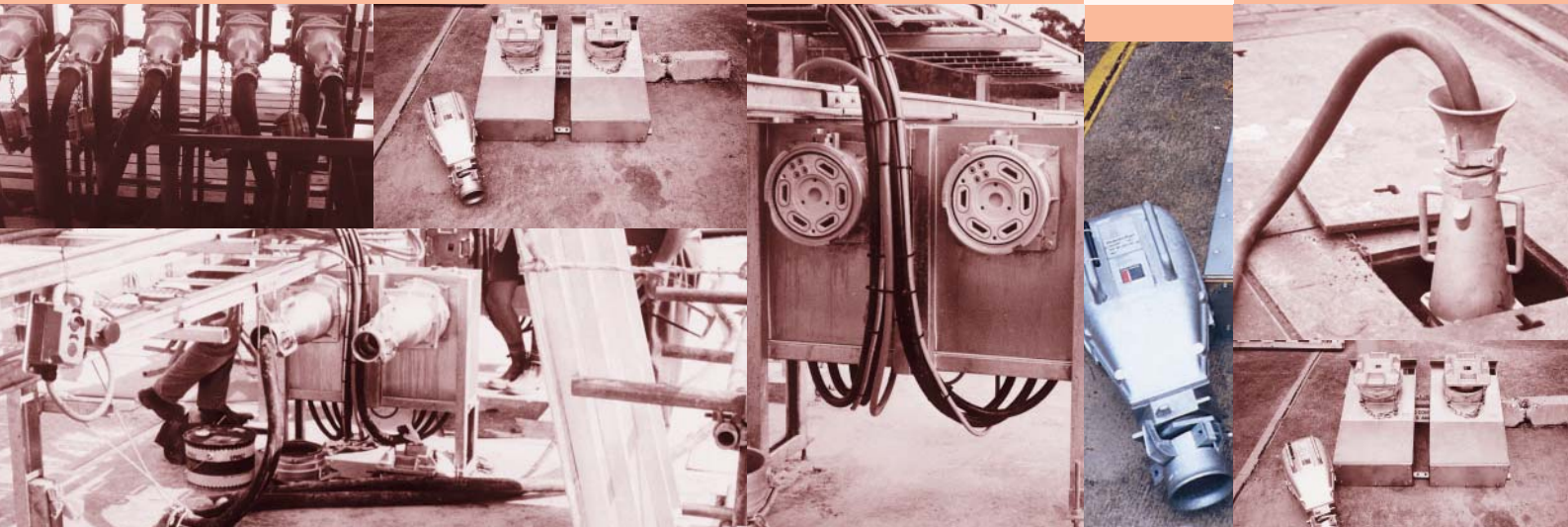
PLUG



WIRING (mm ²)	BLACK POLYAMIDE		GREY POLYAMIDE	
	2P+PILOT 50V	2P+E+PILOT 500V	2P+PILOT 50V	2P+E+PILOT 500V
16	5-0206-016	5-0207-016	5-0205-016	5-0209-016
30	5-0206-030	5-0207-030	5-0205-030	5-0209-030
40	5-0206-040	5-0207-040	5-0205-040	5-0209-040
50	5-0206-050	5-0207-050	5-0205-050	5-0209-050
75	5-0206-075	5-0207-075	5-0205-075	5-0209-075

HIGH CURRENT CONNECTORS

PF



Plugs and sockets for high currents with mechanical and electrical pilot contact interlocking

From 315 to 600A

Compulsory electrical interlocking (no on-load disconnection)

Voltage range up to 690V (PFQ) and 1000V (PFC)

Degree of protection to IP67 as standard

Heavy duty casing (IK10)

Safety shutter shielding recessed contacts

Non-interchangeable positions: 10 for PFQ and 7 for PFC

Use lugs to connect to the inlet terminals

Silver-nickel tipped contacts, **oxydisation proof**

Pilot and auxiliary contacts: 8 for PFQ and 4 for PFC

Particularly suitable for use in harsh environments, such as marine, construction and steel industries and tunnelling

These products are also available for many other voltages and frequencies. See page 7

SURFACE MOUNTING APPLIANCE INLET

BOX

INLET



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BOX FOR
95 TO 150 MM²

BOX FOR
185 TO 240 MM²

	REFERENCE	REFERENCE
PFQ3	M 47 3A023 95 □	M 47 3A023 24 □
PFQ4	M 47 4A023 95 □	M 47 4A023 24 □
PFC4	M 49 4A023 95 □	M 49 4A023 24 □
PFC6	M 49 6A023 95 □	M 49 6A023 24 □

220/250V

380/440V

	SPNE +4Aux*	SPNE +8Aux**	3PE +4Aux*	3PE +8Aux**	3PNE +4Aux*	3PNE +8Aux**
315A	M -	47 38015	-	47 38013	-	47 38017
400A	M -	47 48015	-	47 48013	-	47 48017
400A	M 49 48015	-	49 48013	-	49 48017	-
600A	M 49 68015	-	49 68013	-	49 68017	-

□: add suffix suitable below to suit cable overall diameter.

* 2 pilot contacts + 2 auxiliary contacts
** 2 pilot contacts + 6 auxiliary contacts

	Ø mm	Ø mm
1	46-50	6 : 71-75
2	51-55	7 : 76-80
3	56-60	8 : 81-85
4	61-65	9 : 86-90
5	66-70	

The standard glanding arrangement is for unarmoured cables. Please refer for a gland plate option.

PLUG

HANDLE

INLET



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+



STRAIGHT HANDLE

90° ANGLED HANDLE

	REFERENCE	REFERENCE
PFQ3	M 47 3A013 □	M 47 3A 913 □
PFQ4	M 47 4A013 □	M 47 4A 913 □
PFC4	M 49 4A013 □	M 49 4A 913 □
PFC6	M 49 6A013 □	M 49 6A 913 □

220/250V

380/440V

	SPNE +4Aux*	SPNE +8Aux**	3PE +4Aux*	3PE +8Aux**	3PNE +4Aux*	3PNE +8Aux**
315A	M -	47 38015	-	47 38013	-	47 38017
400A	M -	47 48015	-	47 48013	-	47 48017
400A	M 49 48015	-	49 48013	-	49 48017	-
600A	M 49 68015	-	49 68013	-	49 68017	-

□: add suffix suitable below to suit cable overall diameter.

* 2 pilot contacts + 2 auxiliary contacts
** 2 pilot contacts + 6 auxiliary contacts

	Ø mm	Ø mm
50	46-50	75 : 71-75
55	51-55	80 : 76-80
60	56-60	85 : 81-85
65	61-65	90 : 86-90
70	66-70	

M METAL

Please refer for a threaded metric entry instead of the sealing bush arrangement.

Inlet cap

Add suffix **926** to inlet part number

Trumpet gland

Please consult us

Example for an angled plug PFQ3 315A/400V
3PE+8Aux with entry Ø 87 mm



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+



PLUG

HANDLE
47 3A 913 90

INLET
47 38 013

These products are also available for many other voltages and frequencies. See page 7

SURFACE MOUNTING SOCKET-OUTLET

BOX

SOCKET-OUTLET with protective cap



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+



BOX FOR
95 TO 150 MM²

BOX FOR
185 TO 240 MM²

		REFERENCE		REFERENCE
PFQ3	M	47 3A023 95 □	M	47 3A023 24 □
PFQ4	M	47 4A023 95 □	M	47 4A023 24 □
PFC4	M	49 4A023 95 □	M	49 4A023 24 □
PFC6	M	49 6A023 95 □	M	49 6A023 24 □

□: add suffix suitable below to suit cable overall diameter.

	∅ mm		∅ mm
1:	46-50	6:	71-75
2:	51-55	7:	76-80
3:	56-60	8:	81-85
4:	61-65	9:	86-90
5:	66-70		

220/250V

380/440V

		SPNE +4Aux*	SPNE +8Aux**	3PE +4Aux*	3PE +8Aux**	3PNE +4Aux*	3PNE +8Aux**
315A	M	-	47 34015	-	47 34013	-	47 34017
400A	M	-	47 44015	-	47 44013	-	47 44017
400A	M	49 44015	-	49 44013	-	49 44017	-
600A	M	49 64015	-	49 64013	-	49 64017	-

* 2 pilot contacts + 2 auxiliary contacts
** 2 pilot contacts + 6 auxiliary contacts

CONNECTOR

HANDLE

SOCKET-OUTLET with protective cap



=



+



STRAIGHT HANDLE

ANGLED HANDLE

		REFERENCE		REFERENCE
PFQ3	M	47 3A 013 □	M	47 3A 913 □
PFQ4	M	47 4A 013 □	M	47 4A 913 □
PFC4	M	49 4A 013 □	M	49 4A 913 □
PFC6	M	49 6A 013 □	M	49 6A 913 □

□: add suffix suitable below to suit cable overall diameter.

	∅ mm		∅ mm
50:	46-50	75:	71-75
55:	51-55	80:	76-80
60:	56-60	85:	81-85
65:	61-65	90:	86-90
70:	66-70		

220/250V

380/440V

		SPNE +4Aux*	SPNE +8Aux**	3PE +4Aux*	3PE +8Aux**	3PNE +4Aux*	3PNE +8Aux**
315A	M	-	47 34015	-	47 34013	-	47 34017
400A	M	-	47 44015	-	47 44013	-	47 44017
400A	M	49 44015	-	49 44013	-	49 44017	-
600A	M	49 64015	-	49 64013	-	49 64017	-

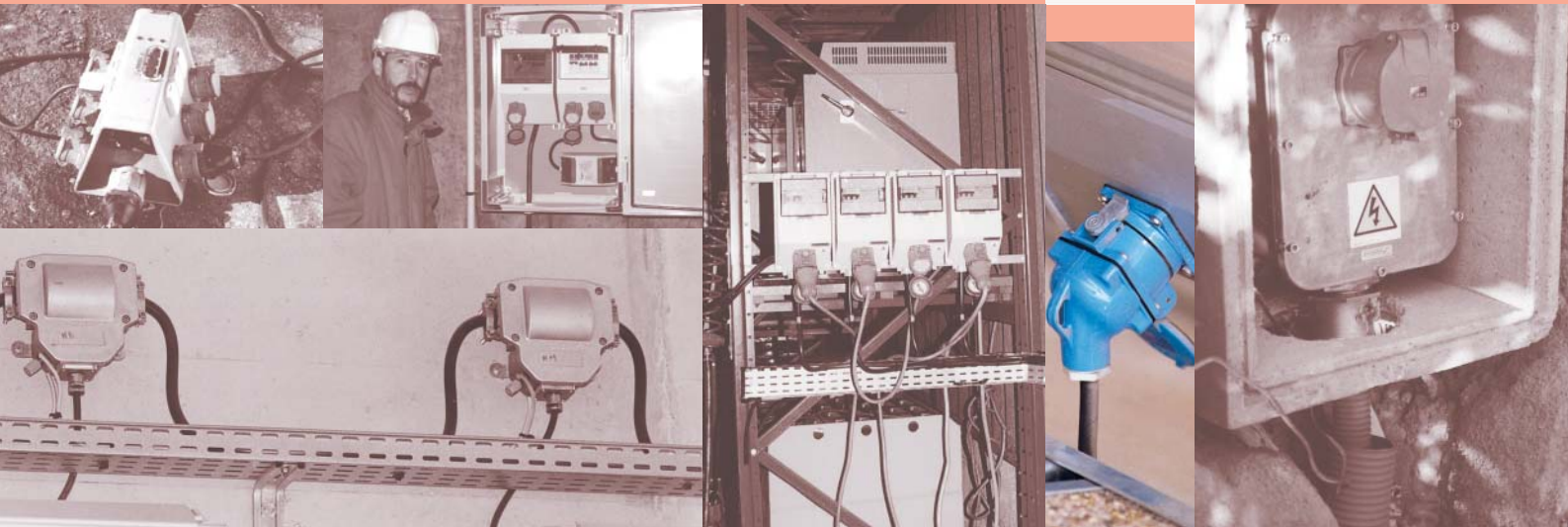
* 2 pilot contacts + 2 auxiliary contacts
** 2 pilot contacts + 6 auxiliary contacts

M METAL

Example for a wall mounting socket PFQ3 315A/400V
3PE+8Aux with entry ∅ 87 mm



BOXES



DISTRIBUTION BOXES

Protected by rcdds, earth-leakage circuit breakers or fuses. Top and bottom entries for cables from 2,5 up to 70 mm².

Can be equipped with 1, 2 or 3 Marechal and/or 10/16A 2PE domestic outlets fitted with access windows.

Made of ABS, polyester, aluminium, steel or stainless steel.

Transformers available.

DISTRIBUTION BOXES

PORTABLE DISTRIBUTION BOXES

TUNNEL BOXES

SPECIAL BOXES

A SIMPLE, MODULAR SYSTEM FOR ALL INDUSTRIAL APPLICATIONS

modular system

Our boxes can be assembled vertically and /or horizontally to meet your installation needs.

A range of cable entries to suit your cables sizes



2 top/bottom knock-out pre-cut cable entries (metric)

Reduced dimensions

Marechal boxes are an efficient solution to solve your space problems. The plug on the socket forms an angle of 70° with the box, which reduce the risk of shocks. Thanks to their size, the boxes can be mounted on a pole.

An extensive range:

With more than **200** versions available either empty, ready for your own equipment, or with factory fitted protection equipment, you can be sure to find what you need.



Socket 16A

NEW



Distribution boxes are fitted with a hinged transparent window allowing visual and physical access to the rcd.

COMPLIANCE WITH THE STANDARDS

Equipment and pre-wired boxes comply with EN 60309-1 and EN 60439-1 standard.

Specification:

- Square boxes with knock-out cable entries. 2 entries per face (top and bottom)
- Thermoplastic material resistant to shocks and incandescent wire (960°)
- Connection with plastic glands, metallic glands for armoured cable or threaded conduits.
- IP54 to 67 according to the model
- Range: from 16 to 63 Amps
- terminal capacities: from 2 x 1,5 mm² to 5 x 50 mm²




For ease of installation

- The socket outlet is pre-wired to the m.c.b
- (2 top + 2 bottom) knock-out pre-cut cable entries (M16 to M32)



BOXES FITTED WITH **CIRCUIT BREAKERS**

Equipped with type C m.c.b
Other types are also available on request.




RANGE			REFERENCE			
PROTECTION (NOMINAL RATING)	IP		220/250V		380/400V	220/250V 380/440V
			1P+N+E	3P+E	3P+E	3P+N+E
 DSN1	16A	55	5561015	5561033	5561013	5561017
DSN3	32A	55	5563015	5563033	5563013	5563017
DSN6	63A	54	5566015	5566033	5566013	5566017
 DS1	25A	55	5531015	5531033	5531013	5531017
DS3	50A	54	5533015	5533033	5533013	5533017
 PN	16A	55	5501015	5501033	5501013	5501017

For ease of installation

- The socket outlet is pre-wired to the m.c.b
- (2 top + 2 bottom) knock-out pre-cut cable entries (M16 to M32)









BOXES FITTED WITH **CIRCUIT COMBINED M.C.B/R.C.D 30 mA**

RANGE			REFERENCE			
PROTECTION (NOMINAL RATING)	IP		220/250V		380/400V	220/250V 380/440V
			1P+N+E	3P+E	3P+E	3P+N+E
 DSN1	16A	55	5661015	5661033	5661013	5661017
DSN3	32A	55	5663015	5663033	5663013	5663017
 DS1	25A	55	5631015	5631033	5631013	5631017
DS3	32A	54	5633015	5633033	5633013	5633017
 PN	16A	55	5601015	5601033	5601013	5601017

BOXES EQUIPPED WITH **RESIDUAL CURRENT DEVICE 30 mA**








- For ease of installation
- The socket outlet is pre-wired to the m.c.b
 - 2 top knock-out pre-cut cable entries (M16 to M32)

RANGE			REFERENCE			
NOMINAL RATING OF THE OUTLET	IP		220/250V		380/400V	220/250V
			1P+N+E	3P+E	3P+E	380/440V
						3P+N+E
 DSN1	20A	55	5761015	5761033	5761013	5761017
 DSN3	32A	55	5763015	5763033	5763013	5763017
 DSN6	63A	54	5766015	5766033	5766013	5766017
 DS1	30A	55	5731015	5731033	5731013	5731017
 DS3	50A	54	5733015	5733033	5733013	5733017
 PN	16/30A	55	5701015	5701033	5701013	5701017

BOXES FITTED WITH **FUSE CARRIERS**



- For ease of installation
- The socket outlet is pre-wired to the m.c.b
 - 2 top knock-out pre-cut cable entries (M16 to M32)

RANGE			REFERENCE				
NOMINAL RATING OF THE OUTLET	IP	FUZE**	220/250V		380/400V	220/250V	
			1P+N+E	3P+E	3P+E	380/440V	
						3P+N+E	
 DSN1	20A	55	10,3x38	5461015	5461033	5461013	5461017
 DSN3	32A	55	10,3x38	5463015	5463033	5463013	5463017
 DS1	30A	55	10,3x38	5431015	5431033	5431013	5431017
 DS3	50A	54	14x51	5433015	5433033	5433013	5433017
 PN	16/30A	55	10,3x38	5401015	5401033	5401013	5401017

** Cartridge fuses are not supplied.




For ease of installation

- The socket outlet is wired to the terminal block
- Larger conductors can be directly wired to the terminal
- Fitted with terminal blocks mounted on DIN rail



BOXES WITH

PRE-WIRED TERMINALS

RANGE			REFERENCES				
	NOMINAL RATING OF THE OUTLET	IP	220/250V		380/400V	380/440V	
			1P+N+E	3P+E	3P+E	3P+N+E	
	DSN1	20A	67	5261015	5261033	5261013	5261017
	DSN3	32A	67	5263015	5263033	5263013	5263017
	DSN6	63A	55	5266015	5266033	5266013	5266017
	DS1	30A	67	5231015	5231033	5231013	5231017
	DS3	50A	55	5233015	5233033	5233013	5233017
	PN	16/30A	67	5201015	5201033	5201013	5201017

For ease of installation




- The socket outlet is wired to the terminal
- Fitted with terminal blocks mounted on DIN rail (shunted 2 by 2)



BOXES WITH FOR

LOOP-IN-OUT INSTALLATION

(OR "THROUGH WIRING INSTALLATION")





















RANGE			REFERENCES				
	NOMINAL RATING OF THE OUTLET	IP	220/250V		380/400V	380/440V	
			1P+N+E	3P+E	3P+E	3P+N+E	
	DSN1	20A	67	5361015	5361033	5361013	5361017
	DSN3	32A	67	5363015	5363033	5363013	5363017
	DSN6	63A	55	5366015	5366033	5366013	5366017
	DS1	30A	55	5331015	5331033	5331013	5331017
	DS3	50A	55	5333015	5333033	5333013	5333017
	PN	16/30A	67	5301015	5301033	5301013	5301017

COMBINATION BOXES


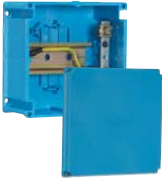
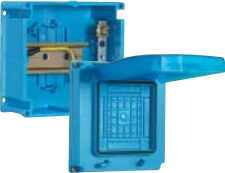


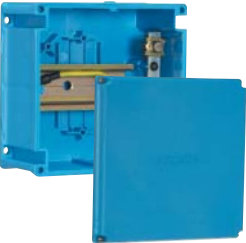
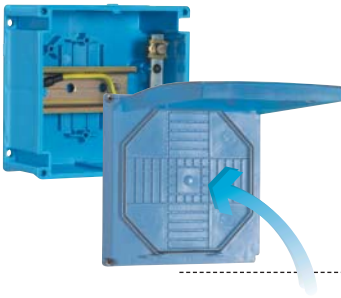
INDUSTRIAL/DOMESTIC (B.S.) SOCKET OUTLET



- For ease of installation
- The socket outlet is wired to the terminal block
 - Larger conductors can be directly wired to the terminal
 - Fitted with terminal blocks mounted on DIN rail

RANGE		EQUIPMENT	REFERENCES			
			220/250V		380/400V	380/440V
			1P+N+E	3P+E	3P+E	3P+N+E
NOMINAL RATING OF THE OUTLET						
 DSN1	20A	1 box fitted with TERMINAL BLOCKS	5261015 D40	5261033 D40	5261013 D40	5261017 D40
 DSN3	32A	+ 1 industrial socket-outlet	5263015 D40	5263033 D40	5263013 D40	5263017 D40
 DS1	30A	+ 1 domestic socket-outlet	5231015 D40	5231033 D40	5231013 D40	5231017 D40
 PN	16/30A		5201015 D40	5201033 D40	5201013 D40	5201017 D40
NOMINAL RATING OF THE OUTLET						
 DSN1	20A	1 box fitted with FUSE CARRIER	5461015 D40	5461033 D40	5461013 D40	5461017 D40
 DSN3	32A	+ 1 industrial socket-outlet	5463015 D40	5463033 D40	5463013 D40	5463017 D40
 DS1	30A	+ 1 domestic socket-outlet	5431015 D40	5431033 D40	5431013 D40	5431017 D40
 PN	16/30A		5401015 D40	5401033 D40	5401013 D40	5401017 D40
NOMINAL RATING OF THE PROTECTION						
 DSN1	20A	1 box fitted with M.C.B	5561015 D40	5561033 D40	5561013 D40	5561017 D40
 DSN3	32A	+ 1 industrial socket-outlet	5563015 D40	5563033 D40	5563013 D40	5563017 D40
 DS1	30A	+ 1 domestic socket-outlet	5531015 D40	5531033 D40	5531013 D40	5531017 D40
 PN	16A		5501015 D40	5501033 D40	5501013 D40	5501017 D40
NOMINAL RATING OF THE PROTECTION						
 DSN1	20A	1 box fitted with M.C.B	5661015 D40	5661033 D40	5661013 D40	5661017 D40
 DSN3	32A	1 box fitted with R.C.D HEAD	5663015 D40	5663033 D40	5663013 D40	5663017 D40
 DS1	30A	PROTECTION	5631015 D40	5631033 D40	5631013 D40	5631017 D40
 PN	16A	+ 1 industrial socket-outlet + 1 domestic socket-outlet	5601015 D40	5601033 D40	5601013 D40	5601017 D40
NOMINAL RATING OF THE OUTLET						
 DSN1	20A	1 box fitted with R.C.D	5761015 D40	5761033 D40	5761013 D40	5761017 D40
 DSN3	32A	+ 1 industrial socket-outlet	5763015 D40	5763033 D40	5763013 D40	5763017 D40
 DS1	30A	+ 1 domestic socket-outlet	5731015 D40	5731033 D40	5731013 D40	5731017 D40
 PN	16/30A		5701015 D40	5701033 D40	5701013 D40	5701017 D40

The domestic socket outlet is protected by an 16 amps m.c.b (D40 suffix means UK domestic socket-outlet)
Please replace D40 by D30 for German domestic unit
D16 for French domestic unit
D06 for Italian domestic unit

DESIGNATION	KNOCK-OUT CABLE ENTRIES	DIMENSIONS H x L x D	REFERENCES
 Wall box for PN/DSN1	Inlet/outlet 2 PG11 to 29 (top/bottom) + 2 M16 to M32 (top/bottom)	127x127x158	51 AA 058
Wall box for DS1/DSN3	Inlet/outlet ditto	127x127x158	51 BA 058
Wall box for DS3/DSN6	Inlet/outlet 2 PG11 - PG21 to PG36 (top/bottom) + 2 M16 - M25 to M40 (top/bottom)	170x170x193	51 CA 058
Wall box for DS6/DSN9	Inlet/outlet ditto	170x170x193	51 DA 058
Box without earth connector : replace 058 by S58			
 Box size 1 + flat cap for terminal blocks		127x127x83	509ACP1
Box size 2 + flat cap for terminal blocks		170x170x92	509ACP2
 Box size 1 + window cap for DIN rail protection devices		127x127x106	509ACF1
Box size 2 + window cover for DIN rail protection devices		170x170x113	509ACF2
 Coupling units (batch of 2)		ø interior 26 mm	509AML1
 UK domestic unit		127x127x83	509AD40
German domestic unit			509AD30
French domestic unit			509AD16
Italian domestic unit			509AD06
 Boxes for terminal blocks are fitted with a DIN rail and an earth terminal. Rail in size 1 box is 90 mm long Rail in size 2 box is 130 mm long			
 boxes for DIN rail protection device are fitted with an earth terminal and a Din rail. Size 1 box can be fitted with 2 x 17,5 mm modules Size 2 box can be fitted with 7 x 17,5 mm modules			
			Cut-out front cover

BOX WITH INCLINED FRONT AND WINDOW - 1 OUTLET



Box with inclined front in aluminium, IP55, including:

- ▲ 4P earth-leakage circuit breaker
- ▲ 16/32/63A Marechal socket-outlet
- ▲ metal window

REFERENCE

91277

Complete reference depending on installed outlets.

STAINLESS STEEL BOX WITH WINDOW - 2 OUTLETS



IP67 box with window for food industry, including:

- ▲ 4 x 63A 30mA earth-leakage circuit breaker
- ▲ 4 x 32A circuit breaker
- ▲ 4 x 16A circuit breaker
- ▲ DSN3 Marechal socket-outlet: 32A, IP67, 3PNE/400V
- ▲ DSN1 Marechal socket-outlet: 16A, IP67, 3PNE/400V

PRODUCT	RATING	REFERENCES
DSN3 DSN1	32A 16A	D 6700
DSN1 DSN1	16A 16A	D 6701
DSN3 DSN3	32A 32A	D 6702

BOXES FOR INCLINED FRONT AND WINDOW



Please consult us for IP65 distribution boxes, in ABS, equipped with 1, 2 or 3. Marechal socket outlet and protection by circuit breaker, or earth leakage switch up to 63 Amps.

PORTABLE IP54 POLYESTER SERVICE BOX



- ▲ 2-3-4 outlet box
- ▲ cable gland entry = 4 possible outlets
- ▲ inlet entry = 3 possible outlets
- ▲ from 16 to 90 A protection on demand

SOCKET-OUTLET	DS1		DS3		DS6	
	PE16	INLET 30A	PE21	INLET 50A	PE29	INLET 90A
2 exits 3PE 400V	31 14013 207	31 14013 217	31 34013 207	31 34013 237	31 64013 207	31 64013 267
2 exits 3PNE 400V	31 14017 207	31 14017 217	31 34017 207	31 34017 237	31 64017 207	31 64017 267
3 exits 3PE 400V	31 14013 307	31 14013 317	31 34013 307	31 34013 337	31 64013 307	31 64013 367
3 exits 3PNE 400V	31 14017 307	31 14017 317	31 34017 307	31 34017 337	31 64017 307	31 64017 367
4 exits 3PE 400V	31 14013 407	-	31 34013 407	-	31 64013 407	-
4 exits 3PNE 400V	31 14017 407	-	31 34017 407	-	31 64017 407	-

Part numbers on demand for DN and DSN outlets - part numbers on demand for 24/230V and other pin configurations.

PORTABLE IP65 NEOPRENE SERVICE BOX



- ▲ 2 to 6 outlets
- ▲ cable gland entry
- ▲ inlet entry
- ▲ loop-in/loop-out
- ▲ protection by socket-outlet and circuit breaker
- ▲ upstream earth-leakage protection to be installed

ENTRY	EXIT	SERVICE SOCKET-OUTLET	REFERENCE
inlet DS6	socket-outlet DS6	6 X DS3	R 1700

1 entry with inlet DS6 90A - 3PNE/400V
1 exit with socket-outlet DS6 90A - 3PNE/400V
6 rcds 4 x 32A
6 socket-outlet DS3 32A - 3PNE/400V

Contact us for modifications on entries, outlets and number of derivations.

«EXPRESS» BOX



REFERENCE
On demand

- ▲ Aluminium body.
- ▲ Service without cutting the main cable from 3x4 mm² to 5x35 mm².
- ▲ 1 or 2 loop-in/loop-out.
- ▲ Very short wiring timing thanks to isolation piercing terminals.
- ▲ Minimum and easy maintenance.
- ▲ Cable savings.
- ▲ IP66 watertightness for the box and IP67 for connector.
- ▲ Exit by Marechal outlet.
- ▲ Connections isolated at 6kV.
- ▲ Protection by fuses or circuit breaker on demand.

CHARACTERISTICS

Use

Distribution with direct wiring without cutting main cable. These boxes are used, for example, to supply tunnel lighting networks.

Principle

- ▲ Lighting tap-offs are achieved quickly using insulation-piercing connectors. Only the cable outer sheath is removed.
- ▲ Wiring is made on isolated conductors after external external sheath stripping. Obtained connection ensures 6 KV insulation according to NFC 33020 standard, and is IP67 according to NFC 20010 and EDF standards.
- ▲ The preparation of the cable tap-offs can be done before fitting the cable inside the box. The box is designed for cable sizes from 3x4 mm² to 5x35 mm².

Description

- ▲ The body is made of aluminium, and composed of a box with its separate lid. This 205x180 box has rounded edges in order to prevent any damage when installing it.

Advantages of distribution without cutting the main cable

Important installation time saving

- ▲ Strip the outer sheath.
- ▲ Spread the conductors.
- ▲ Fit and tighten the piercing connectors onto conductors.
- ▲ Put seals in place.
- ▲ Position main cable in box.
- ▲ Tighten cable clamps.
- ▲ Close the cap.
- ▲ Tighten the four screws.
- ▲ Total average installation time: 10 minutes.

Cable saving

By not cutting the cable to take off the service, 40 to 50 cm of cable per box will be saved without wastage.

Watertightness

Connection by perforation offers a double watertightness of the whole box:

- ▲ IP67 watertightness for connections.
- ▲ IP66 for the box containing connections.

Standardisation

Only one type of box for cables 3x4 mm² to 5x35 mm².

Safety

- ▲ IP2X distribution box.
- ▲ Safe maintenance when live: insulation voltage of 6kV.

FIRE BOX (Lighting - emergencies)



REFERENCE

Small: 91161

Large: 91178

- ▲ Cast iron box.
- ▲ Suitable for cable sizes from 4 to 35 mm².
- ▲ C.S.T.B. (French Authority) certified for maintaining electrical continuity during a 920°C fire.
- ▲ Degree of protection IP66.
- ▲ Fuse protection (optional).
- ▲ Entry by a fire resisting cable gland for cables from 4 to 35 mm².
- ▲ Exit by a Marechal socket-outlet.
- ▲ Lid with hinges and captive stainless steel fixing screws.

CHARACTERISTICS

Use

Distribution for emergency circuits. These boxes are designed to supply tunnel lighting networks. They ensure electrical continuity at 920°C at least for 20 minutes after a 55 minute temperature rise.

Description

- ▲ Available dimensions: 242x162x100 for cable sizes no bigger than 25 mm², and 220x215x110 for sizes from 25 to 35 mm².
- ▲ Degree of protection: IP66. The degree of protection against shocks IK8 corresponds to a shock energy of 5 joule.

Very good fire resistance

Wall thickness prevents box deformation. Box fixings are then not put under abnormal stress. Elements inside the box remain fixed, and risks of emergency circuit collapse line are eliminated.

Long life product

Tunnel conditions of use require excellent resistance to corrosion. Protective paint withstands saline fog for more than 2000 hours, according to the standard. All this maintains the degree of protection.

SMALL DISTRIBUTION BOX



REFERENCE

Aluminium: 91220

Polyester: 91234

- ▲ Polyester or aluminium.
- ▲ Degree of protection IP65.
- ▲ Protected by fuses or circuit breaker.
- ▲ Entry by cable gland.
- ▲ Designed cable cross section from 2,5 to 16mm² and from 4 to 7 cores.
- ▲ Exit with Marechal socket-outlet.
- ▲ Other configurations available on demand.

ALUMINIUM DISTRIBUTION BOXES



REFERENCE

Small: 91160

Large: 91177

- ▲ Aluminium box.
- ▲ Designed for cross sections from 4 to 35 m².
- ▲ Degree of protection IP66.
- ▲ Entry by cable gland.
- ▲ Exit by Marechal socket-outlet.
- ▲ Lid with hinges and captive stainless steel fixing screws.

CHARACTERISTICS

Application

Main cable connected by line taps. These boxes are designed to supply tunnel lighting networks.

Description

- ▲ Dimensions of: 120 x 120 x 100 for cross sections not exceeding 16 mm², of: 242 x 162 x 100 for cross sections not exceeding 25 mm², and of: 260 x 240 x 110 for cross sections up to 35 mm².
- ▲ Degree of protection: IP66. The degree of protection against shocks IK08 corresponds to a shock energy of 5 joule.

- ▲ Inside the box, conductors are connected by protected steel line taps. The box is fitted with crimping cable glands to suit cable dimensions.
- ▲ The service is via a 1PNE socket-outlet fitted with silver tipped oxidation-proof contacts, IEC/EN 60309-1 certified.

FIREMEN TUNNEL SOCKET-OUTLET BOX



REFERENCE

Small: 91160P

Large: 91177P

- ▲ Box in aluminium to supply firemen's equipment.
- ▲ Equipped with Marechal socket-outlet.

SPECIAL BOXES

SPECIAL BOXES

- ▲ On demand, we can provide with almost any kind of box.

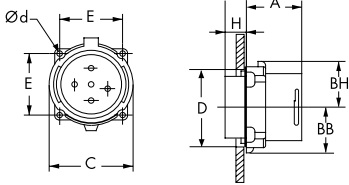


Please contact us with your requirement

DIMENSIONS

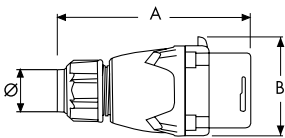
DS/DN

INLET



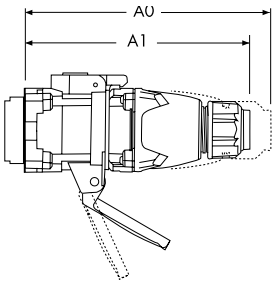
PRODUCT	A	BB	BH	C	D	E	H	Ød
DS1/DS24C	48	32,5	37	66,5	58	48,1	14	5
DS3/DS37C	52	37,5	44,5	78	70	55,1	18	5
DS6/DS7C3	56	45	53	92	80	65,8	27	5,5
DS9	71	61	64	113	100	81,3	26	6
DS2/DS7C9	79	73	68	130	118	98	40	6,5
DN8	45	32,5	36	68	58	48,1	12	5
DN1/DN9C	51	45	41	77	70	55,1	15	5
DN3/DN7C3	77	53	48	91	80	65,8	22	5,8
DN6/DN20C	89	64	56,5	110	100	81,3	25	5,8
DN9/DN7C6	89	64	56,5	110	100	81,3	25	5,8

PLUG



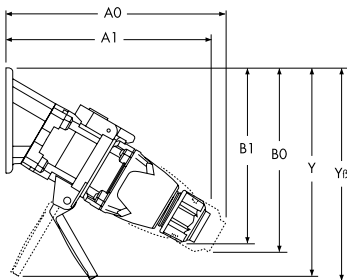
PRODUCT	A	B	Ø
DS1/DS24C	144	70	5-21
DS3/DS37C	148	82	10-30
DS6/DS7C3	175	98	13-36
DS9	195	125	25-45
DS2/DS7C9	260	141	40-58
DN8	140	69	5-21
DN1/DN9C	147	86	10-30
DN3/DN7C3	195	101	13-35
DN6/DN20C	215	121	25-45
DN9/DN7C6	215	121	25-45

SOCKET WITH PLUG ON (A1) / OFF (A0)



PRODUCT	A1	A0
DS1/DS24C	166	182
DS3/DS37C	174	190
DS6/DS7C3	197	221
DS9	246	275
DS2/DS7C9	310	341
DN8	174	193
DN1/DN9C	174	193
DN3/DN7C3	212	242
DN6/DN20C	271	239
DN9/DN7C6	271	239

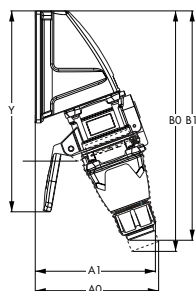
30° INCLINED SOCKET WITH PLUG ON (A1) / OFF (A0)



PRODUCT	A1	A0	B1	B0	Y	Y _β
DS1/DS24C	192	206	170	178	184	198
DS3/DS37C	203	217	178	186	210	210
DS6/DS7C3	229	250	212	224	254	261
DS9	302	327	242	257	299	
DS2/DS7C9 (60°)	292	308	347	374	293	
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	

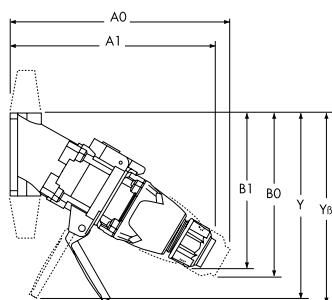
Y_β: SELF OPEN TO 180° COVER

70° INCLINED SOCKET WITH PLUG ON (A1) / OFF (A0)



PRODUCT	A0	A1	B1	B0	Y
DS1/DS24C	149	143	267	282	239
DS3/DS37C	175	169	312	327	280
DS6/DS7C3 POLY	185	177	338	361	317

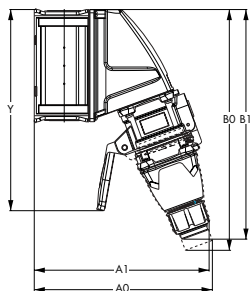
30° WALL MOUNTING SOCKET WITH PLUG ON (A1) / OFF (A0)



PRODUCT	A1	A0	B1	B0	Y	Y _β
DS1/DS24C	211	225	161	169	175	189
DS3/DS37C	232	246	184	192	216	216
DS6/DS7C3 POLY	283	304	220	232	262	269
DS6/DS7C3 METAL	268	289	193	205	220	239
DS9	355	380	243	258	279	
DS2/DS7C9 (60°)	383	399	433	460	379	
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	

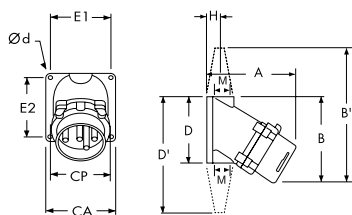
Y_β: SELF OPEN TO 180° COVER

70° WALL MOUNTING SOCKET WITH PLUG ON (A1) / OFF (A0)



PRODUCT	A0	A1	B1	B0	Y
DS1/DS24C	210	205	267	282	239
DS3/DS37C	246	241	312	327	280
DS6/DS7C3 POLY	256	248	338	361	317

30° WALL MOUNTING APPLIANCE INLET

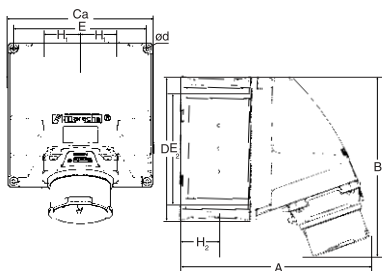


PRODUCT	A	B	CA	CP	D	E1	E2	H	Ød
DS1/DS24C	111	105	84	67	84	70	70	17,5	6
DS3/DS37C	129	126	89	66	100	77	88	24	6,5
DS6/DS7C3 POLY	170	158	105	92	128	89	112	31	7,5
DS6/DS7C3 METAL	150	121	127	92	130	105	105	27,5	7
DN8 POLY	107	102	84	68	84	70	70	17,5	6
DN8 METAL	96	80	76	68	76	64,5	64,5	17,5	5,5
DN1/DN9C	114	94	85	77	85	71,5	71,5	22	6
DN3/DN7C3	151	116	87	91	107	84	84	24	6
DN6/DN20C	180	149	122	110	150	104,5	104,5	29	7

20°/60° WALL MOUNTING APPLIANCE INLET

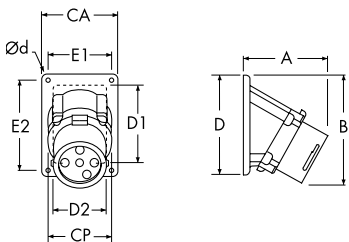
PRODUCT	A	B	B'	CA	CP	D'	E1	E2	H	Ød
DN9/DN7C6	219	156	320	183	110	285	163	116	50	7
DS9 (20°)	203	153	320	183	113	285	163	116	50	7
DS2/DS7C9 (60°)	267	233	400	226	130	315	212	154	50	10

70° WALL MOUNTING INLET



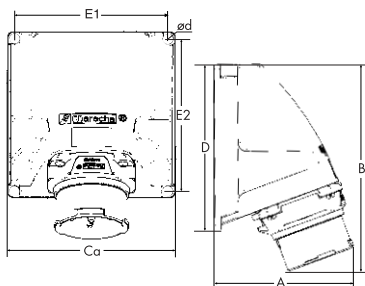
PRODUCT	A	B	Ca	D	E1	E2	H1	H2	Ød
DS1/DS24C	168	158	129	129	119	99	29	34	4,2
DS3/DS37C	203	200	173	173	158	139	29	34	6,5
DS6/DS7C3 POLY	205	207	173	173	158	139	29	34	6,5

30° INCLINED APPLIANCE INLET



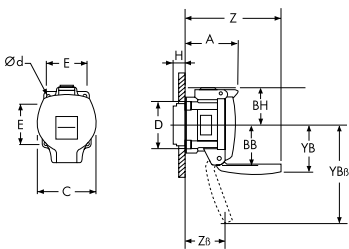
PRODUCT	A	B	CA	CP	D	D1	D2	E1	E2	Ød
DS1/DS24C	92	114	76	67	107	65	62	63	95	5,5
DS3/DS37C	100	120	76	66	107	65	68	63	95	5,5
DS6/DS7C3	109	146	102	92	136	111	90	87,3	122	6,5
DS9	153	159	140	113	142	110	100	123,8	123,8	7
DS2/DS7C9 (60°)	176	226	183	130	183	150	150	165	165	7
DN8	88	111	76	68	107	65	95	63	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	87,3	122	6,5
DN6/DN20C	167	166	140	110	142	110	100	123,8	123,8	7
DN9/DN7C6	167	166	140	110	142	110	100	123,8	123,8	7

70° INCLINED APPLIANCE INLET



PRODUCT	A	B	Ca	D	E1	E2	Ød
DS1/DS24C	107	158	129	129	119	99	4,2
DS3/DS37C	131	200	173	173	158	139	6,5
DS6/DS7C3	133	207	173	173	158	139	6,5

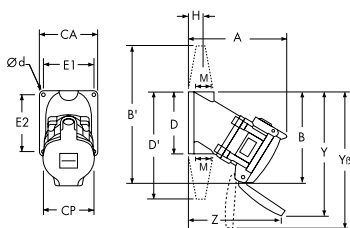
SOCKET



PRODUCT	A	BB	BH	C	D	E	H	YB	YB _β	Z	Z _β	Ød
DS1/DS24C	64,9	50	45	69	58	48,1	15	65	108	120,6	75,9	5
DS3/DS37C	68,6	54,5	53,5	80	70	55,1	21	100	132	121	57,5	5
DS6/DS7C3	76,2	62,5	60	98	80	65,8	27	110	152	146,2	86,7	5,5
DS9	113,1	75	70	113	100	81,3	24	137		197,1		6
DS2/DS7C9	109,5	75	92	131	118	98	38	115		212,9		6,5
DN8	66,9	48	42	64	58	48,1	12	86		100,1		5
DN1/DN9C	73,1	49	49	74	70	55,1	15	86		125,3		5
DN3/DN7C3	97	58	57	89	80	65,8	22	95		144,6		5,8
DN6/DN20C	110,3	67	65	112	100	81,3	24	108		195,1		5,8
DN9/DN7C6	110,3	67	65	112	100	81,3	24	108		195,1		5,8

Y_B ET Z_B: SELF OPEN TO 180° COVER

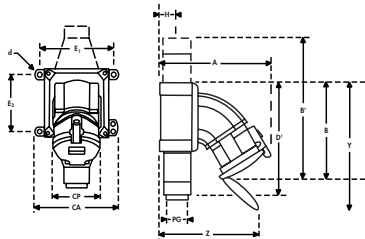
30° WALL MOUNTING SOCKET



PRODUCT	A	B	CA	CP	D	E1	E2	H	Y	Y _β	Z	Ød
DS1/DS24C	135	128	84	69	84	70	70	17,5	175	189	128	6
DS3/DS37C	154	151	89	80	100	77	88	24	216	216	129	6,5
DS6/DS7C3 POLY	192	185	105	98	128	89	112	31	262	269	168	7,5
DS6/DS7C3 METAL	173	151	80	98	130	105	105	27,5	220	239	181	7
DN8 POLY	135	150	84	64	84	70	70	17,5	183		100	6
DN8 METAL	123	121	76	64	76	64,5	64,5	17,5	157		111	5,5
DN1/DN9C	141	138	85	74	85	71,5	71,5	22	173		144	6
DN3/DN7C3	177	160	87	89	107	84	84	24	195		169	6
DN6/DN20C	207	206	110	112	150	104,5	104,5	29	244		227	7

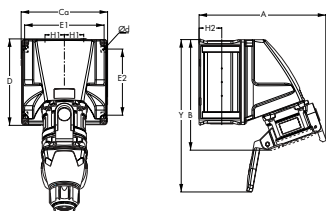
Y_B: SELF OPEN TO 180° COVER

20°/60° WALL MOUNTING SOCKET



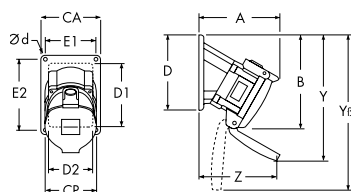
PRODUCT	A	B	B'	Ca	CP	D'	E1	E2	H	Y	Z	Ød
DN9/DN7C6	246	213	320	138	112	285	163	116	50	251	266	7
DS9 (20°)	250	188	285	138	113	285	163	116	50	279	258	7
DS2/DS7C9 (60°)	314	256	315	180	131	315	212	154	50	379	187	10

70° WALL MOUNTING SOCKET



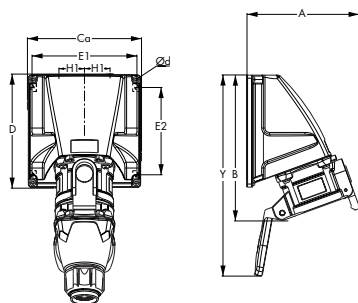
PRODUCT	A	B	Ca	D	E1	E2	H1	H2	Y	Ød
DS1/DS24C	191	170	129	129	119	99	29	34	239	4,2
DS3/DS37C	229	216	173	173	158	139	29	34	284	6,5
DS6/DS7C3 POLY	233	233	173	173	158	139	29	34	317	6,5

30° INCLINED SOCKET



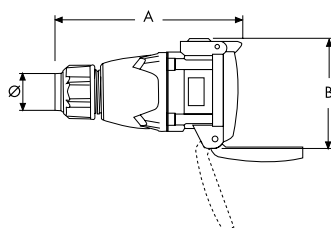
PRODUCT	A	B	CA	CP	D	D1	D2	E1	E2	Y	Y _β	Z	Ød
DS1/DS24C	116	137	76	69	107	65	62	63	95	184	198	109	5,5
DS3/DS37C	125	145	76	80	107	65	68	63	95	210	210	109	5,5
DS6/DS7C3	138	177	102	98	136	111	90	87,3	122	254	261	114	6,5
DS9	200	198	140	113	142	110	100	123,8	123,8	299		169	7
DS2/DS7C9 (60°)	223	249	183	131	183	150	150	165	165	380		96	7
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	87,3	122	241		120	6,5
DN6/DN20C	195	237	140	112	142	110	100	123,8	123,8	273		182	7
DN9/DN7C6	195	237	140	112	142	110	100	123,8	123,8	273		182	7

70° INCLINED SOCKET



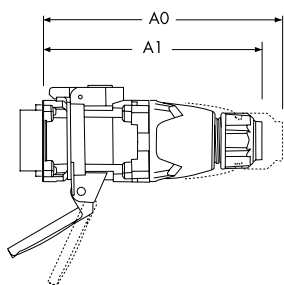
PRODUCT	A	B	Ca	D	E1	E2	H1	Y	Ød
DS1/DS24C	130	170	129	129	119	99	29	239	4,2
DS3/DS37C	158	216	173	173	158	139	29	284	6,5
DS6/DS7C3 POLY	162	233	173	173	158	139	29	317	6,5

CONNECTOR



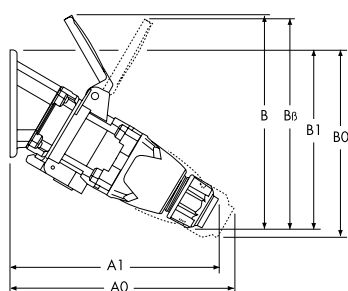
PRODUCT	A	B	Ø
DS1/DS24C	160	95	5-21
DS3/DS37C	165	108	10-30
DS6/DS7C3	179	123	13-36
DS9	227	145	25-45
DS2/DS7C9	291	167	40-58
DN8	162	90	5-21
DN1/DN9C	169	98	10-30
DN3/DN7C3	200	115	13-35
DN6/DN20C	224	132	25-45
DN9/DN7C6	224	132	25-45

INLET WITH CONNECTOR ON (A1) / OFF (A0)



PRODUCT	A1	A0
DS1/DS24C	166	182
DS3/DS37C	174	190
DS6/DS7C3	197	221
DS9	246	275
DS2/DS7C9	310	341
DN8	162	180
DN1/DN9C	174	193
DN3/DN7C3	212	242
DN6/DN20C	271	239
DN9/DN7C6	271	239

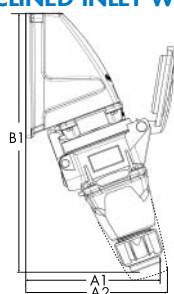
30° INCLINED INLET WITH CONNECTOR ON (A1) / OFF (A0)



PRODUCT	A1	A0	B	B1	B0	B _β
DS1/DS24C	192	206	184	170	178	199
DS3/DS37C	203	217	215	178	186	215
DS6/DS7C3	229	250	248	212	224	254
DS9	302	327	311	242	257	
DS2/DS7C9 (60°)	292	308	427	347	374	
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	

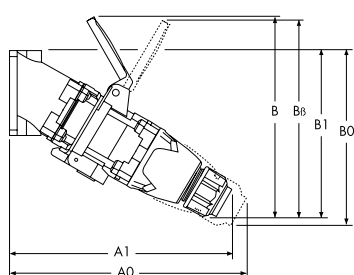
B_β: SELF OPEN TO 180° COVER

70° INCLINED INLET WITH CONNECTOR ON (A1) / OFF (A0)



PRODUCT	A0	A1	B1	B0
DS1/DS24C	149	143	267	282
DS3/DS37C	175	169	312	327
DS6/DS7C3	185	177	338	361

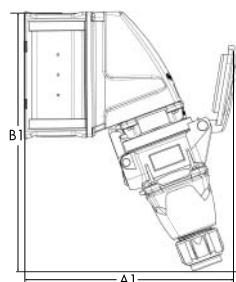
30° WALL MOUNTING APPLIANCE INLET WITH CONNECTOR ON (A1) / OFF (A0)



PRODUCT	A1	A0	B	B1	B0	B _β
DS1/DS24C	211	225	184	161	169	199
DS3/DS37C	232	246	215	184	192	215
DS6/DS7C3 POLY	283	304	248	220	232	254
DS6/DS7C3 METAL	268	289	248	193	205	
DS9	355	380	311	243	258	
DS2/DS7C9 (60°)	383	399	427	433	460	
DN8 POLY	208	223	192	159	167	
DN8 MÉTAL	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	

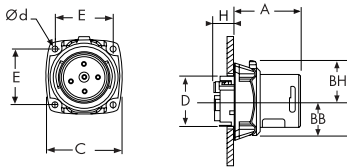
B_β: SELF OPEN TO 180° COVER

70° WALL MOUNTING APPLIANCE INLET WITH CONNECTOR ON (A1) / OFF (A0)



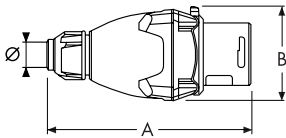
PRODUCT	A0	A1	B1	B0
DS1/DS24C	210	205	267	282
DS3/DS37C	246	241	312	327
DS6/DS7C3 POLY	256	248	338	361

INLET



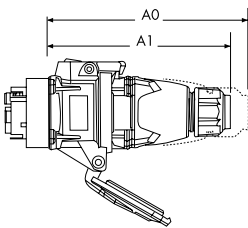
PRODUCT	A	BB	BH	C	D	E	H	Ød
DSN1	50	24	27	57	37	42	13,5	4,2
DSN3/DSN24C	50	32	36	67	58	48	13	4,5
DSN6/DSN37C	54	39	44	78	68	55,2	15	4,8

PLUG



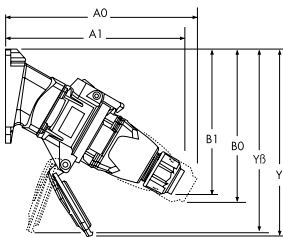
PRODUCT	A	B	Ø
DSN1	125	58	8-15
DSN3/DSN24C	145	68	5-21
DSN6/DSN37C	152	83	10-30

SOCKET WITH PLUG ON(A1) / OFF(A0)



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

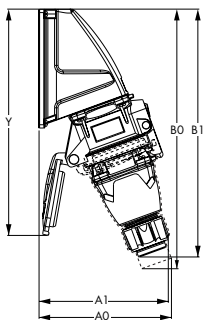
30° INCLINED SOCKET WITH PLUG ON (A1) / OFF (A0)



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

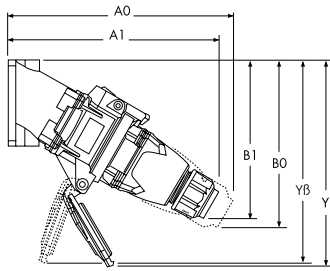
Y_β: SELF OPEN TO 180° COVER

70° INCLINED SOCKET WITH PLUG ON (A1) / OFF (A0)



PRODUCT	A0	A1	B1	B0	Y
DSN1	140	135	254	266	218
DSN3/DSN24C	150	144	270	286	244
DSN6/DSN37C	180	170	313	341	294

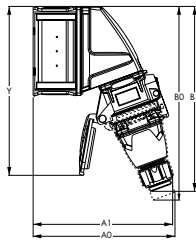
30° WALL MOUNTING SOCKET WITH PLUG ON (A1) / OFF (A0)



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

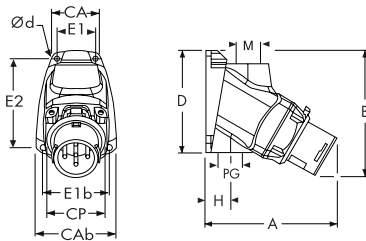
Y_β: SELF OPEN TO 180° COVER

70° WALL MOUNTING SOCKET WITH PLUG ON (A1) / OFF (A0)



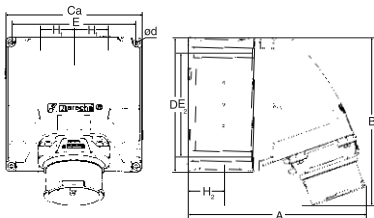
PRODUCT	A0	A1	B1	B0	Y
DSN1	201	197	254	266	218
DSN3/DSN24C	211	206	270	286	244
DSN6/DSN37C	251	241	313	341	294

30° WALL MOUNTING APPLIANCE INLET



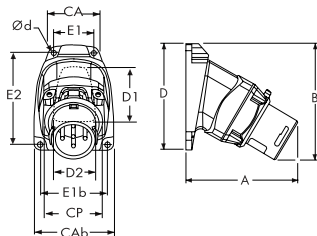
PRODUCT	A	B	CA	CA _b	CP	D	E1	E1 _b	E2	H	Ød
DSN1	115	113	45	68	57	90	36	56	78	37,5	4,5
DSN3/DSN24C	112	105	84	84	67	107	70	70	70	17,5	6
DSN6/DSN37C	132	128	89	89	78	122	77	77	88	24	6,5

70° WALL MOUNTING APPLIANCE INLET



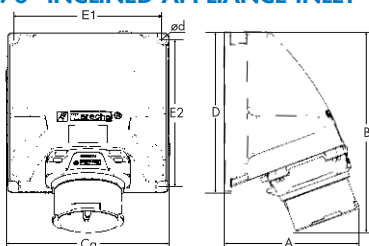
PRODUCT	A	B	Ca	D	E1	E2	H1	H2	Ød
DSN1	164	105	129	129	119	99	29	34	4,2
DSN3/DSN24C	168	159	129	129	119	99	29	34	4,2
DSN6/DSN37C	203	203	173	173	158	139	29	34	6,5

30° INCLINED APPLIANCE INLET



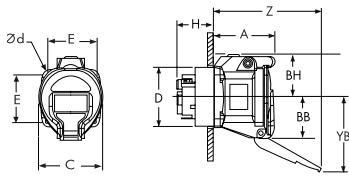
PRODUCT	A	B	CA	CA _b	CP	D	D1	D2	E1	E1 _b	E2	Ød
DSN1	96	102	45	68	57	90	75	50	36	56	78	4,5
DSN3/DSN24C	93	114	76	76	67	107	65	95	63	63	95	5,5
DSN6/DSN37C	103	122	76	76	78	107	65	95	63	63	95	5,5

70° INCLINED APPLIANCE INLET



PRODUCT	A	B	Ca	D	E1	E2	Ød
DSN1	103	156	129	129	119	99	4,2
DSN3/DSN24C	107	159	129	129	119	99	4,2
DSN6/DSN37C	132	203	173	173	158	139	6,5

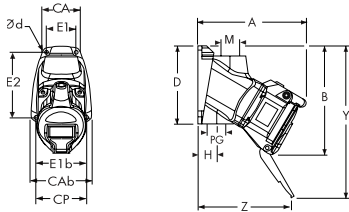
SOCKET



PRODUCT	A	BB	BH	C	D	E	H	YB	YB _β	Z	Z _β	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	24,4	4,8

YB_β: SELF OPEN TO 180° COVER

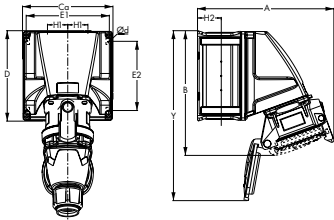
30° WALL MOUNTING SOCKET



PRODUCT	A	B	CA	CAb	CP	D	E1	E1b	E2	H	Y	Y _β	Z	Ød
DSN1	127	131	45	68	57	90	36	56	78	37,5	180		111	4,5
DSN3/DSN24C	138	132	84	84	73	107	70	70	70	17,5	200		105	6
DSN6/DSN37C	165	162	89	89	82	122	77	77	88	24	236	213	114	6,5

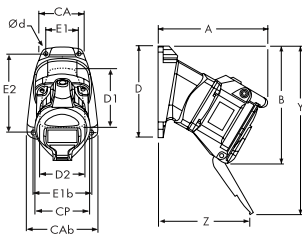
YB_β: SELF OPEN TO 180° COVER

70° WALL MOUNTING SOCKET



PRODUCT	A	B	Ca	D	E1	E2	H1	H2	Y	Ød
DSN1	183	163	129	129	119	99	99	34	218	4,2
DSN3/DSN24C	196	174	129	129	119	99	29	34	244	4,2
DSN6/DSN37C	231	231	173	173	158	139	29	34	294	6,5

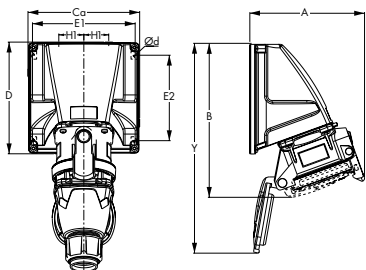
30° INCLINED SOCKET



PRODUCT	A	B	CA	CAb	CP	D	D1	D2	E1	E1b	E2	Y	Y _β	Z	Ød
DSN1	108	120	45	68	57	90	75	50	36	56	78	169		92	4,5
DSN3/DSN24C	119	141	76	76	73	107	65	95	63	63	95	209		86	5,5
DSN6/DSN37C	136	156	76	76	82	107	65	95	63	63	95	230	207	85	5,5

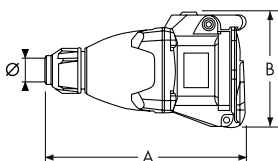
YB_β: SELF OPEN TO 180° COVER

70° INCLINED SOCKET



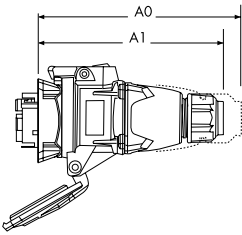
PRODUCT	A	B	Ca	D	E1	E2	Y	Ød
DSN1	122	163	129	129	119	99	218	4,2
DSN3/DSN24C	135	174	129	129	119	99	244	4,2
DSN6/DSN37C	164	231	173	173	158	139	294	6,5

CONNECTOR



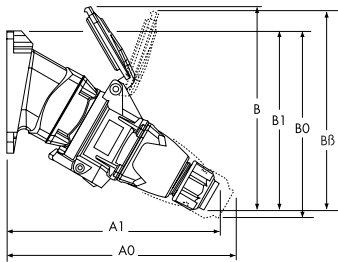
PRODUCT	A	B	Ø
DSN1	131	78	8-15
DSN3/DSN24C	162	103	5-21
DSN6/DSN37C	175	115	10-30

INLET WITH CONNECTOR ON (A1) / OFF (A0)



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

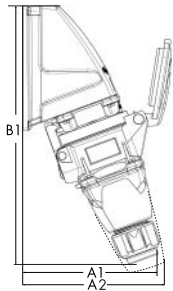
30° INCLINED APPLIANCE INLET WITH CONNECTOR ON (A1) / OFF (A0)



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

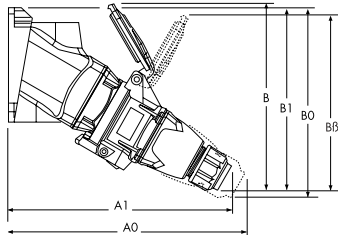
B_β: SELF OPEN TO 180° COVER

70° INCLINED APPLIANCE INLET WITH CONNECTOR ON (A1) / OFF (A0)



PRODUCT	A0	A1	B1	B0
DSN1	140	135	254	266
DSN3/DSN24C	150	144	270	286
DSN6/DSN37C	180	170	313	341

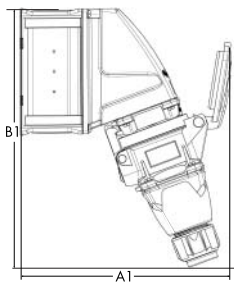
30° WALL MOUNTING APPLIANCE INLET WITH CONNECTOR ON (A1) / OFF (A0)



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

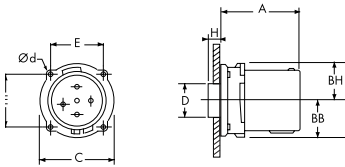
B_β: SELF OPEN TO 180° COVER

70° WALL MOUNTING INLET WITH CONNECTOR ON (A1) / OFF (A0)



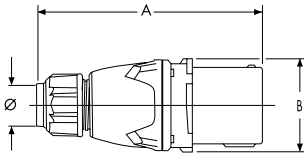
PRODUCT	A0	A1	B1	B0
DSN1	201	197	254	266
DSN3/DSN24C	211	206	270	286
DSN6/DSN37C	251	241	313	341

INLET



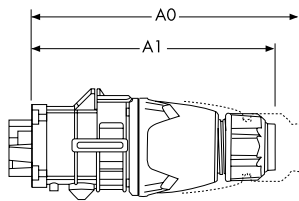
PRODUCT	A	BB	BH	C	D	E	H	Ød
DB3	97	38	41	78	55	55,1	18	4,5
DB6	99	45	54	91	68	65,8	21	5,5
DB9	120,4	53	57	115	85	81,3	41	5,5

PLUG



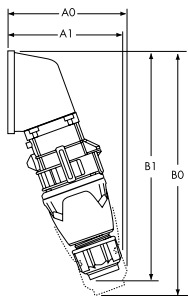
PRODUCT	A	B	Ø
DB3	193	79	10-30
DB6	202	99	13-35
DB9	305	110	29-40

SOCKET WITH PLUG ON (A1) / OFF (A0)



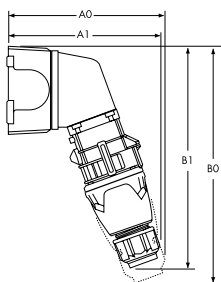
PRODUCT	A1	A0
DB3	213	253
DB6	229	267
DB9	336	396

70° INCLINED SOCKET WITH PLUG ON (A1) / OFF (A0)



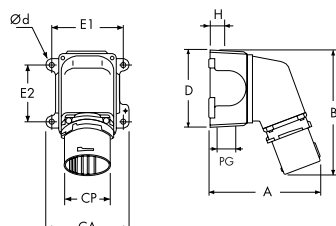
PRODUCT	A1	A0	B1	B0
DB3	153	167	293	330
DB6	174	187	342	378
DB9	219	239	447	503

70° WALL MOUNTING SOCKET WITH PLUG ON (A1) / OFF (A0)



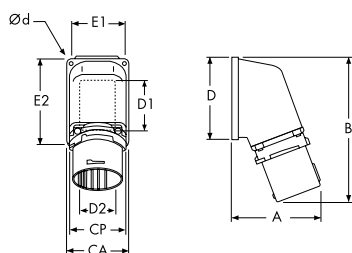
PRODUCT	A1	A0	B1	B0
DB3	217	230	296	334
DB6	253	266	347	383
DB9	311	331	447	503

70° WALL MOUNTING APPLIANCE INLET



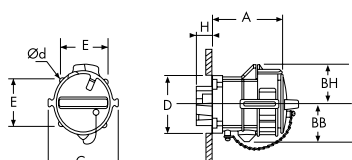
PRODUCT	A	B	CA	CP	D	E1	E2	H	Ød
DB3	180	188	110	78	117	94	70	30	6,5
DB6	214	227	145	91	145	125	97	40	8,5
DB9	255	251	190	146	140	170	108	49	9

70° INCLINED APPLIANCE INLET



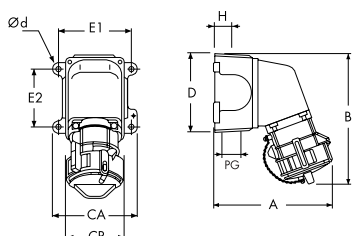
PRODUCT	A	B	CA	CP	D	D1	D2	E1	E2	Ød
DB3	117	185	77	78	106	80	65	63	95	5,5
DB6	136	222	102	91	136	115	80	87,3	122	6,5
DB9	163	251	140	146	140	125	100	123,8	123,8	6,5

SOCKET



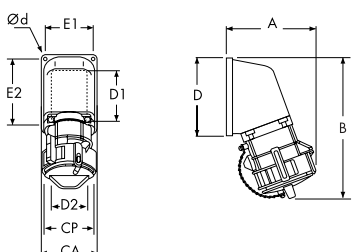
PRODUCT	A	BB	BH	C	D	E	H	Ød
DB3	106,9	45	45	110	55	55,1	26	4,5
DB6	120,7	51	51	124	68	65,8	32	5,5
DB9	134,2	62,5	62,5	146	85	81,3	42	5,5

70° WALL MOUNTING SOCKET



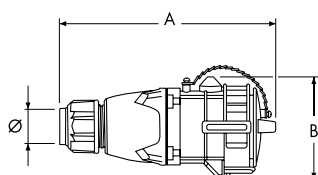
PRODUCT	A	B	CA	CP	D	E1	E2	H	Ød
DB3	196	202	84	110	117	94	70	30	6,5
DB6	234	252	114	124	145	125	97	40	8,5
DB9	273	268	140	146	140	170	108	49	9

70° INCLINED SOCKET



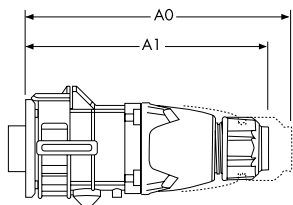
PRODUCT	A	B	CA	CP	D	D1	D2	E1	E2	Ød
DB3	133	199	77	110	106	80	65	63	95	5,5
DB6	155	247	102	124	136	115	80	87,3	122	6,5
DB9	181	268	140	146	140	125	100	123,8	123,8	6,5

CONNECTOR



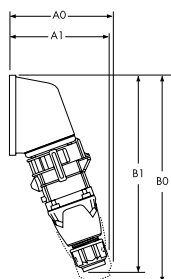
PRODUCT	A	B	Ø
DB3	203	90	10-30
DB6	224	102	13-35
DB9	319	125	29-40

INLET WITH CONNECTOR ON (A1) / OFF (A0)



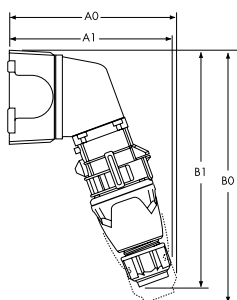
PRODUCT	A1	A0
DB3	213	253
DB6	229	267
DB9	336	396

70° INCLINED APPLIANCE INLET WITH CONNECTOR ON (A1) / OFF (A0)



PRODUCT	A1	A0	B1	B0
DB3	153	167	293	330
DB6	174	187	342	378
DB9	219	239	447	503

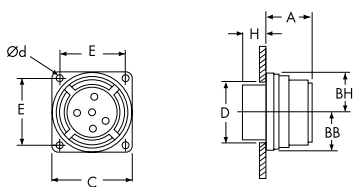
70° WALL MOUNTING APPLIANCE INLET WITH CONNECTOR ON (A1) / OFF (A0)



PRODUCT	A1	A0	B1	B0
DB3	217	230	296	334
DB6	253	266	347	383
DB9	311	331	447	503

PN

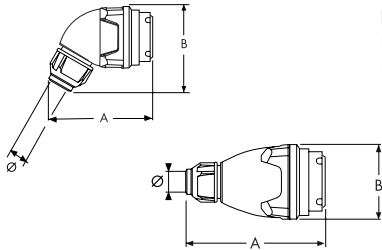
INLET



PRODUCT
PN

A	BB	BH	C	D	E	H	Ød
27	29	28	56	43	42	12	4,5

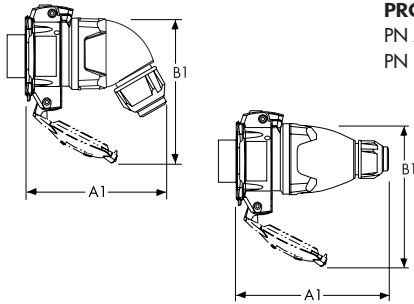
PLUG



PRODUCT
PN ANGLED
PN STRAIGHT

A	B	Ø
100	74	8-17
118	58	8-15

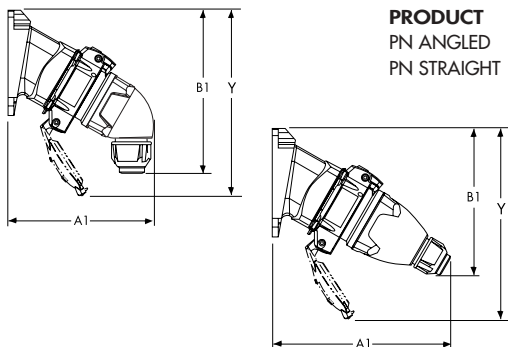
SOCKET WITH PLUG



PRODUCT
PN ANGLED
PN STRAIGHT

A1	B1
117	76
120	76,5

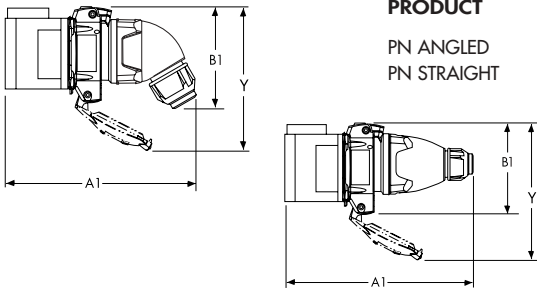
30° INCLINED SOCKET WITH PLUG



PRODUCT
PN ANGLED
PN STRAIGHT

A1	B1	Y
126	142	158
105	141	158

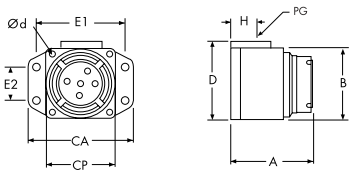
WALL MOUNTING SOCKET WITH PLUG



PRODUCT
PN ANGLED
PN STRAIGHT

A1	B1	Y
136	79	85
162	76,5	85

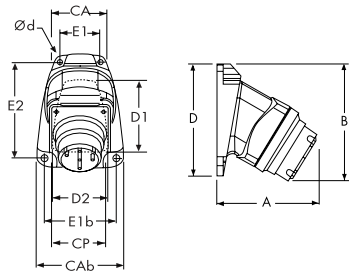
WALL MOUNTING APPLIANCE INLET



PRODUCT
PN

A	B	CA	CP	D	E1	E2	H	Ød
66	55	78	55	60,6	64	24	17,5	5,5

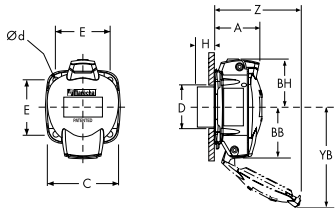
30° INCLINED APPLIANCE INLET



PRODUCT
PN

A	B	CA	CAb	CP	D	D1	D2	E1	E1b	E2	Ød
72	87	45	68	57	90	75	50	36	56	78	4,5

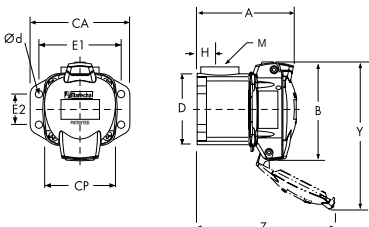
SOCKET



PRODUCT
PN

A	BB	BH	C	D	E	H	YB	Z	Ød
37	38,5	35,75	56	42,7	42	16	93	42	4,5

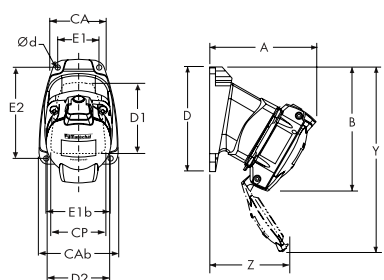
WALL MOUNTING SOCKET



PRODUCT
PN

A	B	CA	CP	D	E1	E2	H	Y	Z	Ød
75,5	76,4	78	55	60,6	64	24	17,5	128	114	5,5

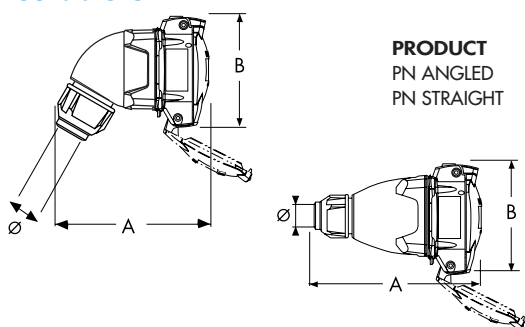
30° INCLINED SOCKET



PRODUCT
PN

A	B	CA	CAb	CP	D	D1	D2	E1	E1b	E2	Y	Z	Ød
89	101	45	68	57	90	75	50	36	56	78	160	40	4,5

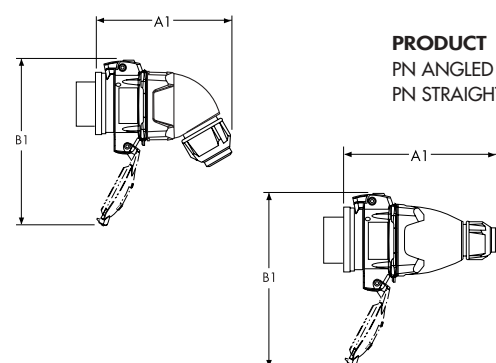
CONNECTOR



PRODUCT
PN ANGLED
PN STRAIGHT

A	B	Ø
97	77	8-17
115	76	8-15

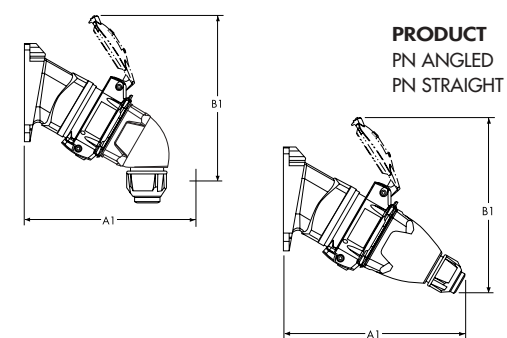
INLET WITH CONNECTOR



PRODUCT
PN ANGLED
PN STRAIGHT

A1	B1
112	81
121	76,5

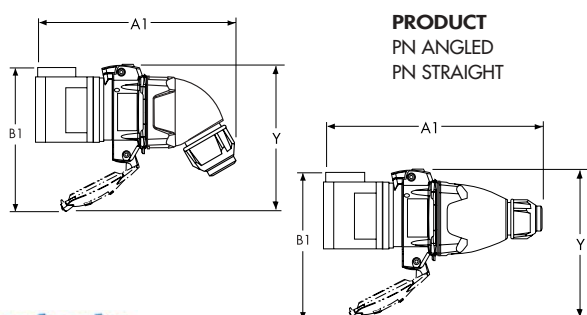
30° INCLINED APPLIANCE INLET WITH CONNECTOR



PRODUCT
PN ANGLED
PN STRAIGHT

A1	B1
105	146
144	125

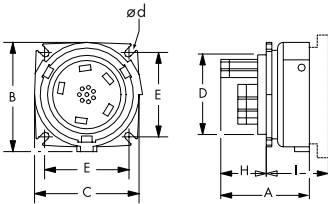
WALL MOUNTING APPLIANCE INLET WITH CONNECTOR



PRODUCT
PN ANGLED
PN STRAIGHT

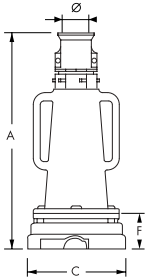
A1	B1	Y
161	91	123
153	70	123

INLET



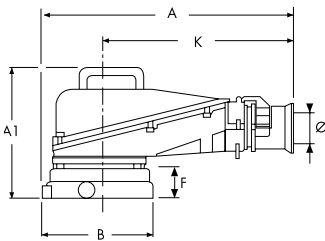
PRODUCT	A	B	C	D	E	H	I	Ød
PFQ	155	240	196	135	146	80	175	11
PFC	195	266	230	175	190	100	210	11

STRAIGHT PLUG



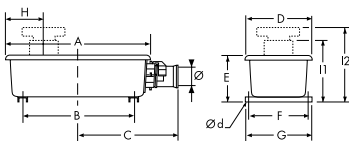
PRODUCT	A	C	F	Ø
PFQ	585	196	75	46-90
PFC	675	230	95	46-90

ANGLED PLUG



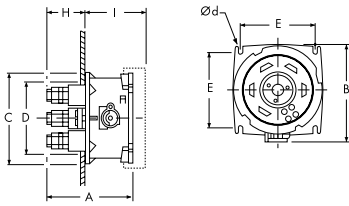
PRODUCT	A	A1	B	F	K	Ø
PFQ	470	292	240	75	352	46-90
PFC	595	320	266	95	457	46-90

INLET ON SURFACE BOX



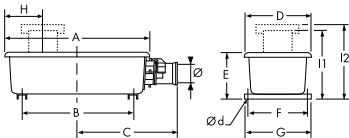
PRODUCT	A	B	C	D	E	F	G	H	I1	I2	Ø	Ød
PFQ/PFC	742	584	515	340	240	306	340	145			46-95	11,5
PFQ									315	415		
PFC									335	450		

SOCKET



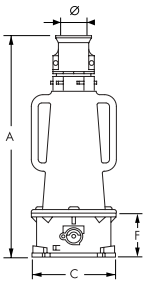
PRODUCT	A	B	C	D	E	H	I	Ød
PFQ	194	240	196	140	146	76	175	10
PFC	220	250	230	185	190	100	210	10

SOCKET ON SURFACE BOX



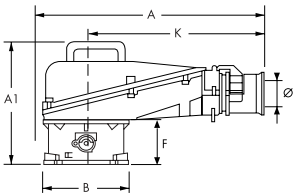
PRODUCT	A	B	C	D	E	F	G	H	I1	I2	Ø	Ød
PFQ/PFC	442	284	365	340	240	306	340	145			46-90	11,5
PFQ									358	415		
PFC									360	450		

STRAIGHT CONNECTOR



PRODUCT	A	C	F	Ø
PFQ	628	196	118	46-90
PFC	700	230	120	46-90

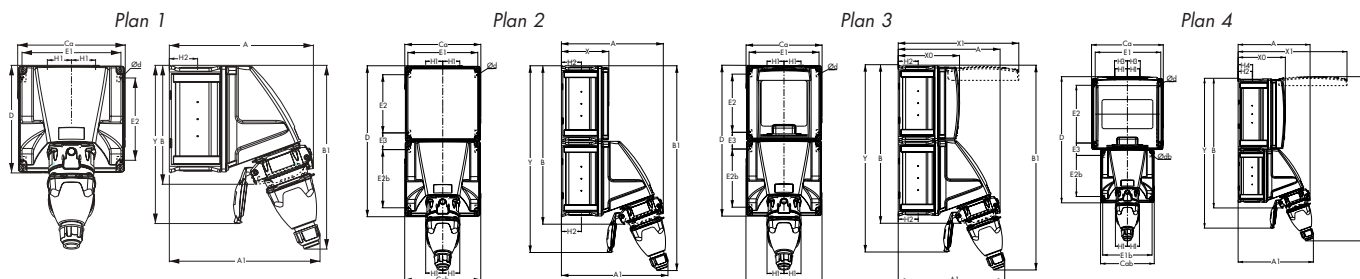
ANGLED CONNECTOR



PRODUCT	A	A1	B	F	K	Ø
PFQ	470	334	240	118	372	46-90
PFC	595	340	250	120	457	46-90

DISTRIBUTION BOXES

BOXES FITTED WITH **PN** SOCKET OUTLET



Plan 1: Wall box B1

Ref.	C _a	D	E ₁	E ₂	Ød	H ₁	H ₂	A	Y	B	A ₁	A ₀	B ₁	B ₀
01NA028	129	129	119	99	4,2	29	34	172	186	135	174	-	203	-

Plan 2: 2xB1 boxes with flat cap and coupling units

Ref.	C _a	D	E ₁	E ₂	E _{2b}	E ₃	Ød	H ₁	H ₂	X	A	Y	B	A ₁	A ₀	B ₁	B ₀
52 01 032/033/015/013/017																	
53 01 032/033/015/013/017	129	257	119	99	99	28	4,2	29	34	83	172	313	262	174	-	330	-

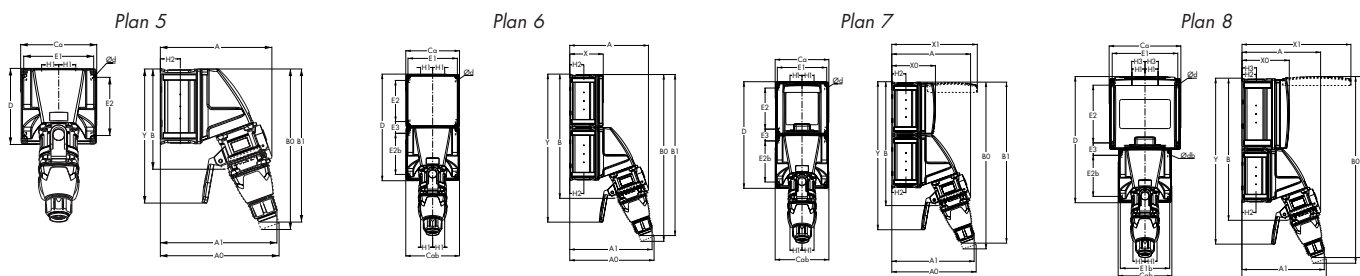
Plan 3: 2xB1 boxes with window and coupling units

Ref.	C _a	D	E ₁	E ₂	E _{2b}	E ₃	Ød	H ₁	H ₂	X ₀	X ₁	A	Y	B	A ₁	A ₀	B ₁	B ₀
54 01 032/015, 55 01 032/015,																		
56 01 032/015, 57 01 032/015	129	257	119	99	99	28	4,2	29	34	106	210	172	313	262	174	-	330	-

Plan 4: B1+B2 boxes with flat cap and coupling units

Ref.	C _a	C _{ab}	D	E ₁	E _{1b}	E ₂	E _{2b}	E ₃	Ød	Ødb	H ₁	H ₂	H ₃	H ₄	X ₀	X ₁	A	Y	B	A ₁	A ₀	B ₁	B ₀
54 01 033/013/017, 55 01 033/013/017,																							
56 01 033/013/017, 57 01 033/013/017	173	129	300	158	119	139	99	30	6,5	4,2	29	34	31	35	113	262	172	356	305	174	-	373	-

BOXES FITTED WITH **DS** DECONTACTOR



Plan 5:

Ref.	Designation	C _a	D	E ₁	E ₂	Ød	H ₁	H ₂	A	Y	B	A ₁	A ₀	B ₁	B ₀
311A 028	Wall box B1 with decontactor DS1	129	129	119	99	4,2	29	34	191	239	170	205	210	267	282
313A 028	Wall box B2 with decontactor DS3	173	173	158	139	6,5	29	34	229	284	216	241	246	312	327
316A 028	Wall box B2 with decontactor DS6	173	173	158	139	6,5	29	34	233	317	233	248	256	338	361

Plan 6:

Ref.	Designation	C _a	D	E ₁	E ₂	E _{2b}	E ₃	Ød	H ₁	H ₂	X	A	Y	B	A ₁	A ₀	B ₁	B ₀
52 31 032/033/015/013/017, 2xB1 boxes (cap and coupling units) and DS1 decontactor		129	257	119	99	99	28	4,2	29	34	83	191	366	298	205	210	395	410
52 33 032/033/015/013/017, 2xB2 boxes (cap and coupling units) and DS3 decontactor		173	343	158	139	139	31	6,5	29	34	92	229	455	386	241	246	483	498

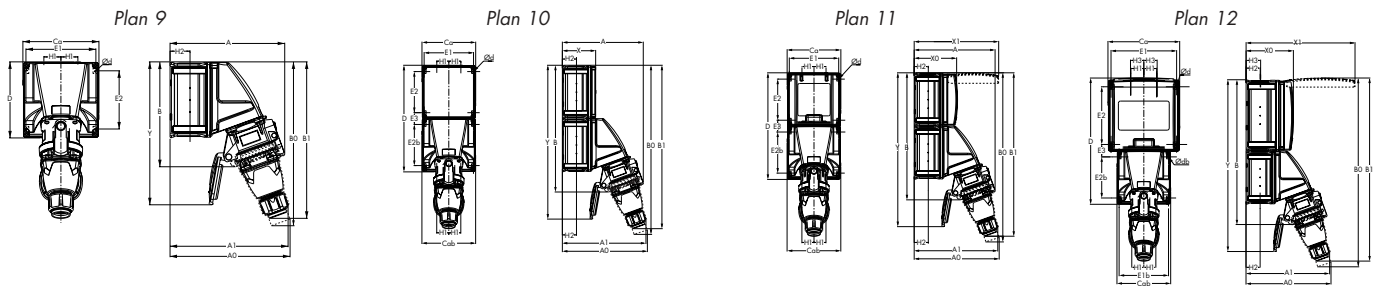
Plan 7:

Ref.	Designation	C _a	D	E ₁	E ₂	E _{2b}	E ₃	Ød	H ₁	H ₂	H ₃	H ₄	X ₀	X ₁	A	Y	B	A ₁	A ₀	B ₁	B ₀
54 31 032/015, 2xB1 boxes (window and coupling units) and DS1 decontactor		129	257	119	99	99	28	4,2	29	34	0	0	106	210	191	366	298	205	210	395	410
54 33 032/033/015/013/017, 55 33 032/033/015/013/017, 2xB2 boxes (window and coupling units) and DS3 decontactor		173	343	158	139	139	31	6,5	29	34	31	35	113	262	229	455	386	241	246	483	498

Plan 8: B1+B2 boxes (window and coupling units) and **DS1 decontactor**

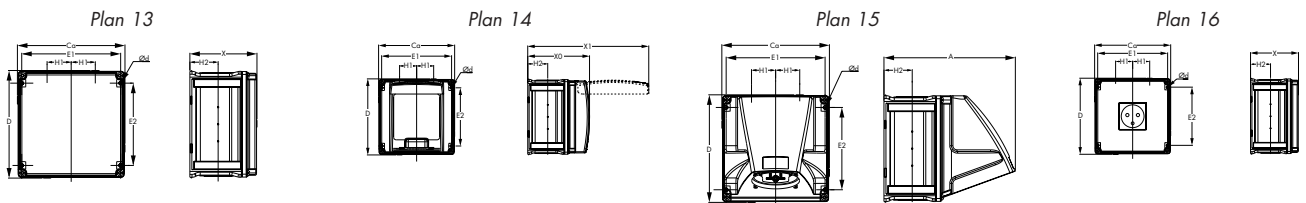
Ref.	C _a	C _{ab}	D	E ₁	E _{1b}	E ₂	E _{2b}	E ₃	Ød	Ødb	H ₁	H ₂	H ₃	H ₄	X ₀	X ₁	A	Y	B	A ₁	A ₀	B ₁	B ₀
54 31 033/013/017, 55 31 033/013/017, 56 31 032/033/015/013/017, 57 31 032/033/015/013/017	173	129	300	158	119	139	99	30	6,5	4,2	29	34	31	35	113	262	191	409	341	205	210	438	453

BOXES FITTED WITH **DSN** DECONTACTOR



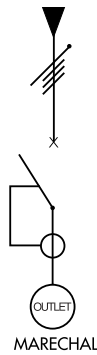
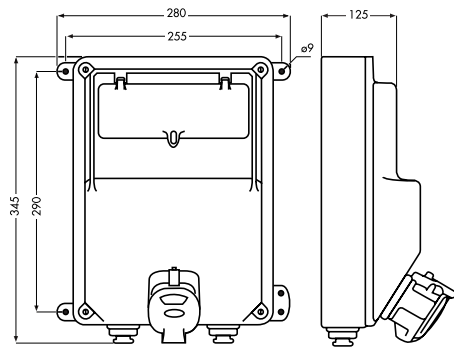
Plan 9:	Ref.	Designation	C _a	D	E ₁	E ₂	Ød	H ₁	H ₂	A	Y	B	A ₁	A ₀	B ₁	B ₀									
	611A058	Wall box B1 with decontactor DSN1	129	129	119	99	4,2	29	34	183	218	163	197	201	254	266									
	613A058	Wall box B1 with decontactor DSN3	129	129	119	99	4,2	29	34	196	244	174	206	211	270	286									
	616A058	Wall box B2 with decontactor DSN6	173	173	158	139	6,5	29	34	231	294	231	241	251	313	341									
Plan 10:	Ref.	Designation	C _a	D	E ₁	E ₂	E _{2b}	E ₃	Ød	H ₁	H ₂	X	A	Y	B	A ₁	A ₀	B ₁	B ₀						
	52 61 032/033/015/013/017,	2xB1 boxes (cap and coupling units)																							
	53 61 032/033/015/013/017	with DSN1 decontactor	129	257	119	99	99	28	4,2	29	34	83	183	218	163	197	201	254	266						
	52 63 032/033/015/013/017,	2xB1 boxes (cap and coupling units)																							
	53 63 032/033/015/013/017	with DSN3 decontactor	129	257	119	99	99	28	4,2	29	34	83	196	244	174	206	211	270	286						
	52 66 032/033/015/013/017	2xB2 boxes (cap and coupling units)																							
		with DSN6 decontactor	173	343	158	139	139	31	6,5	29	34	92	231	294	231	241	251	313	341						
Plan 11:	Ref.	Designation	C _a	D	E ₁	E ₂	E _{2b}	E ₃	Ød	H ₁	H ₂	H ₃	H ₄	X ₀	X ₁	A	Y	B	A ₁	A ₀	B ₁	B ₀			
	54 61 032/015, 55 61 032/015,	2xB1 boxes + coupling units																							
	56 61 032/015, 57 61 032/015	and DSN1 decontactor	129	257	119	99	99	28	4,2	29	34	0	0	106	210	183	218	163	197	201	254	266			
	54 63 032/015,	2xB1 boxes + coupling units)																							
	55 63 032/015	and DSN3 decontactor	129	257	119	99	99	28	4,2	29	34	0	0	106	210	196	244	174	206	211	270	286			
	55 66 032/033/015/013/017,	2xB2 boxes + coupling units																							
	57 66 032/033/015/013/017	and DSN6 decontactor	173	343	158	139	139	31	6,5	29	34	31	35	113	262	231	294	231	241	251	313	341			
Plan 12:	Ref.	Designation	C _a	C _{ab}	D	E ₁	E _{1b}	E ₂	E _{2b}	E ₃	Ød	Ødb	H ₁	H ₂	H ₃	H ₄	X ₀	X ₁	A	Y	B	A ₁	A ₀	B ₁	B ₀
	54 61 033/013/017,	2 boxes (B1 + B2) with coupling units and DSN1 decontactor	173	129	300	158	119	139	99	30	6,5	4,2	29	34	31	35	113	262	183	261	206	197	201	297	309
	55 61 033/013/017,																								
	56 61 033/013/017,																								
	57 61 033/013/017																								
	54 63 033/013/017,	2 boxes (B1 + B2) with coupling units and DSN3 decontactor	173	129	300	158	119	139	99	30	6,5	4,2	29	34	31	35	113	262	196	287	217	206	211	330	346
	55 63 033/013/017,																								
	56 63 032/033/015,																								
	57 63 032/033/015,																								
	57 63 013/017																								

EMPTY BOXES



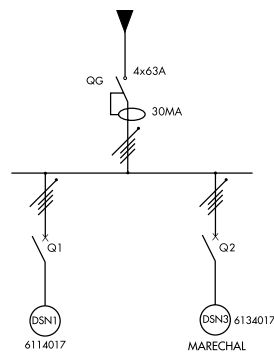
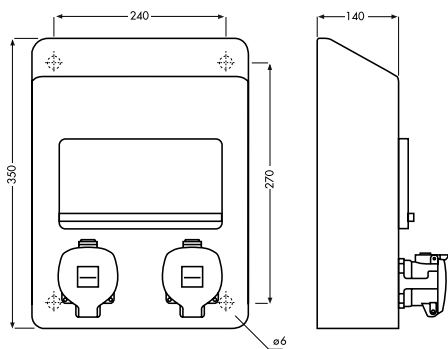
Plan 13:	Ref.	Designation	C _a	D	E ₁	E ₂	Ød	H ₁	H ₂	H ₃	H ₄	X	
	509A CP1	B1 box with flat cap	129	129	119	99	4,2	29	34	29	34	83	
Plan 16:	Ref.	Designation	C _a	D	E ₁	E ₂	Ød	H ₁	H ₂	H ₃	H ₄	X	
	509A D16	B1 box with domestic outlet	129	129	119	99	4,2	29	34	29	34	83	
	509A CP2	B2 box with flat cap	173	173	158	139	6,5	29	34	31	35	92	
Plan 14:	Ref.	Designation	C _a	D	E ₁	E ₂	Ød	H ₁	H ₂	H ₃	H ₄	X ₀	X ₁
	509A CF1	B1 box with window	129	129	119	99	4,2	29	34	29	34	106	210
	509A CF2	B2 box with window	173	173	158	139	6,5	29	34	31	35	113	262
Plan 15:	Ref.	Designation	C _a	D	E ₁	E ₂	Ød	H ₁	H ₂	H ₃	H ₄	A	
	51AA058	Wall box for PN/DSN1	129	129	119	99	4,2	29	34			158	
	51BA058	Wall box for DS1/DSN3	129	129	119	99	4,2	29	34			158	
	51CA058	Wall box for DS3/DSN6	173	173	158	139	6,5	29	34	31	35	193	
	51DA058	Wall box for DS6/DSN9	173	173	158	139	6,5	29	34	31	35	193	

BOX WITH INCLINED FRONT AND WINDOW



PART NUMBER
91277

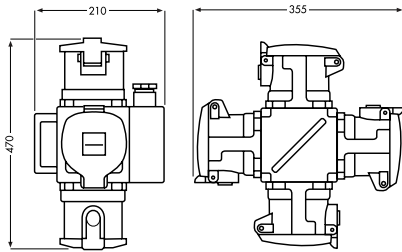
STAINLESS STEEL BOX WITH WINDOW



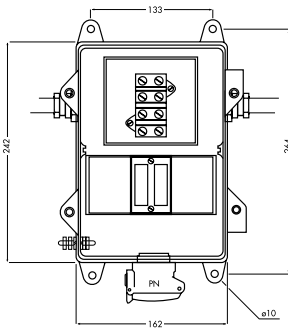
PART NUMBER
D6700
D6701
D6702
TOP OR BOTTOM ENTRY (M20 CABLE GLAND)

BOXES

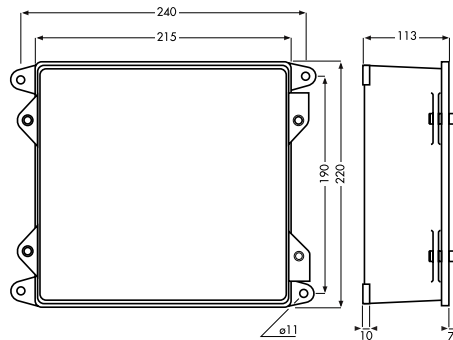
PORTABLE SERVICE BOX



ALUMINIUM DISTRIBUTION BOX

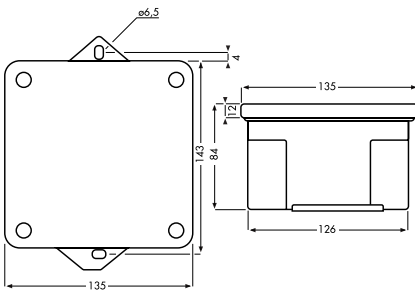


PART NUMBER
91160 (SMALL)



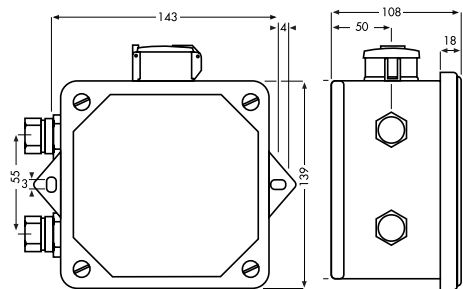
PART NUMBER
91177 (LARGE)

SMALL POLYESTER DISTRIBUTION BOX



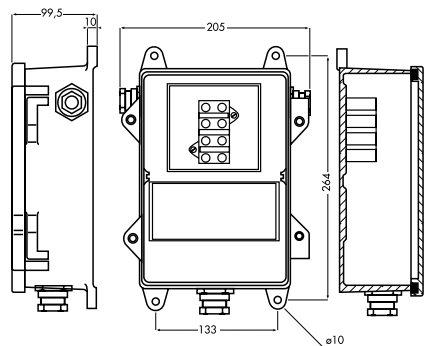
PART NUMBER
91220

SMALL ALUMINIUM DISTRIBUTION BOX

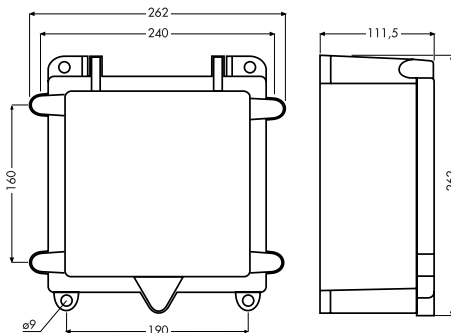


PART NUMBER
91234

FIRE RESISTANT BOX

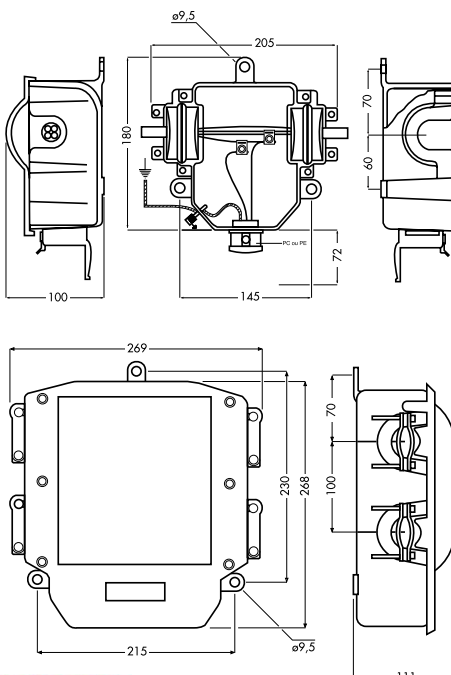


PART NUMBER
91161



PART NUMBER
91178

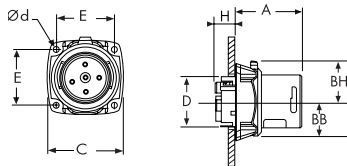
"BOX"



DXN

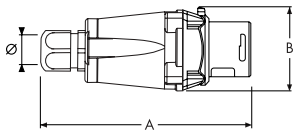
Safety "ed"

INLET



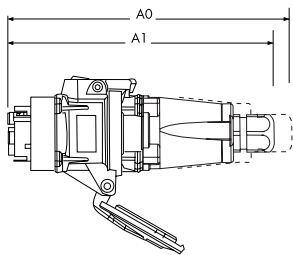
PRODUCT	A	BB	BH	C	D	E	H	Ød
DXN1	50	24	27	57	37	42	13,5	4,2
DXN3	50	32	36	67	58	48	13	4,5
DXN6	54	39	44	78	68	55,2	41	4,8

PLUG



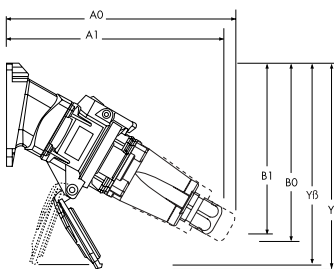
PRODUCT	A	B	Ø
DXN1	125	58	8-13
DXN3	133	68	8-13
DXN6	153	83	13-19

SOCKET WITH PLUG ON (A1) / OFF (A0)



PRODUCT	A1	A0
DXN1	138	154
DXN3	158	176
DXN6	179	200,5

30° INCLINED SOCKET WITH PLUG ON (A1) / OFF (A0)

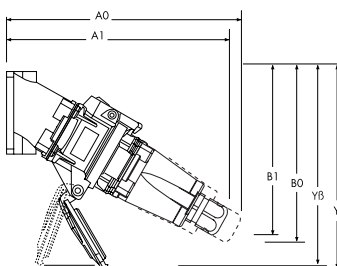


PRODUCT	A1	A0	B1	B0	Y	Y _β
DXN1	174	188	151	157	169	
DXN3	189	204	167	180	209	
DXN6	215	231	178	190	230	207

70° INCLINED SOCKETS: PLEASE CONSULT US

Y_β: SELF OPEN TO 180° COVER

30° WALL MOUNTING SOCKET WITH PLUG ON (A1) / OFF (A0)

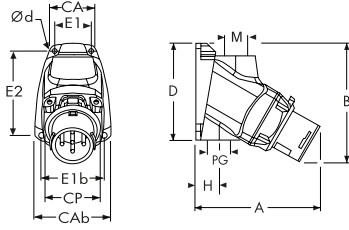


PRODUCT	A1	A0	B1	B0	Y	Y _β
DXN1	194	208	162	168	180	
DXN3	210	225	162	175	200	
DXN6	242	255	187	190	236	213

70° WALL MOUNTING SOCKETS: PLEASE CONSULT US

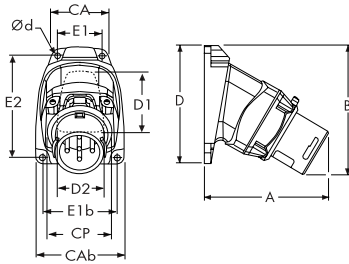
Y_β: SELF OPEN TO 180° COVER

30° WALL MOUNTING APPLIANCE INLET



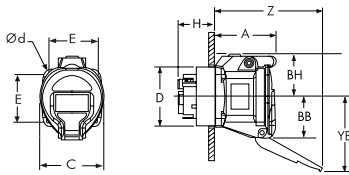
PRODUCT	A	B	CA	CAb	CP	D	E1	E1b	E2	H	Ød
DXN1	115	113	45	68	57	90	36	56	78	37,5	4,5
DXN3	112	105	84	84	67	107	70	70	70	17,5	6
DXN6	132	128	89	89	78	122	77	77	88	24	6,5

30° INCLINED APPLIANCE INLET



PRODUCT	A	B	CA	CAb	CP	D	D1	D2	E1	E1b	E2	Ød
DXN1	96	102	45	68	57	90	75	50	36	56	78	4,5
DXN3	93	114	76	76	67	107	65	95	63	63	95	5,5
DXN6	103	122	76	76	78	107	65	95	63	63	95	5,5

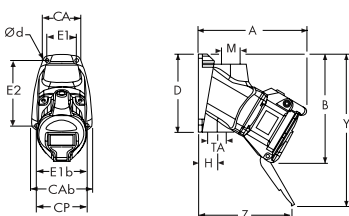
SOCKET



PRODUCT	A	BB	BH	C	D	E	H	YB	Y _B	Z	Z _B	Ød
DXN1	52,7	40	38	57	50,5	42	25	70		97,5		4,2
DXN3	66,2	53	50	73	58	48	15	98		113,6		4,5
DXN6	79,2	58,5	56	82	68	55,2	30	118	148	121	24,4	4,8

Y_B: SELF OPEN TO 180° COVER

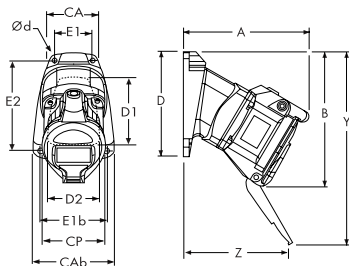
30° WALL MOUNTING SOCKET



PRODUCT	A	B	CA	CAb	CP	D	E1	E1b	E2	H	Y	Y _B	Z	Ød
DXN1	127	131	45	68	57	90	36	56	78	37,5	180		111	4,5
DXN3	138	132	84	84	73	107	70	70	70	17,5	200		105	6
DXN6	165	162	89	89	82	122	77	77	88	24	236	213	114	6,5

70° WALL MOUNTING SOCKETS: PLEASE CONSULT US
Y_B: SELF OPEN TO 180° COVER

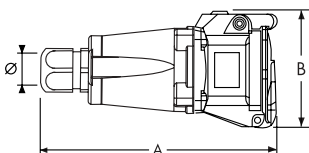
30° INCLINED SOCKET



PRODUCT	A	B	CA	CAb	CP	D	D1	D2	E1	E1b	E2	Y	Y _B	Z	Ød
DXN1	108	120	45	68	57	90	75	50	36	56	78	169		92	4,5
DXN3	119	141	76	76	73	107	65	95	63	63	95	209		86	5,5
DXN6	136	156	76	76	82	107	65	95	63	63	95	230	207	85	5,5

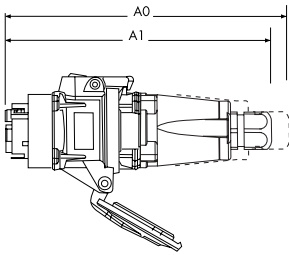
70° INCLINED SOCKETS: PLEASE CONSULT US
Y_B: SELF OPEN TO 180° COVER

CONNECTOR



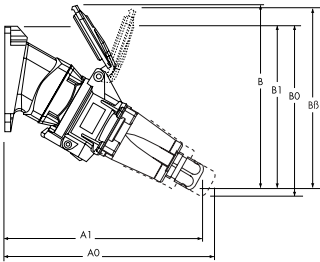
PRODUCT	A	B
DXN1	127,7	78
DXN3	149	103
DXN6	178,2	115

INLET WITH CONNECTOR ON (A1) / OFF (A0)



PRODUIT	A1	A0
DXN1	139	152
DXN3	158	175
DXN6	179	208

30° INCLINED APPLIANCE INLET WITH CONNECTOR ON (A1) / OFF (A0)

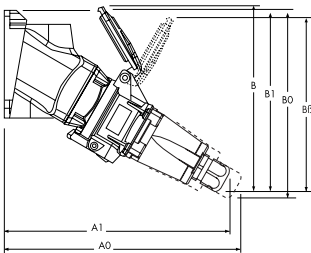


PRODUIT	A1	A0	B	B1	B0	B _β
DXN1	174	188	162	151	157	
DXN3	189	204	209	167	180	
DXN6	215	231	235	178	190	213

70° INCLINED INLETS: PLEASE CONSULT US

B_β: SELF OPEN TO 180° COVER

30° WALL MOUNTING INLET WITH CONNECTOR ON (A1) / OFF (A0)



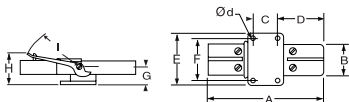
PRODUIT	A1	A0	B	B1	B0	B _β
DXN1	194	208	162	162	168	
DXN3	210	225	209	162	175	
DXN6	242	255	235	187	198	213

70° WALL MOUNTING INLETS: PLEASE CONSULT US

B_β: SELF OPEN TO 180° COVER

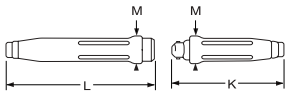
CCH/CS/LINE TAPS

CCH: PLUG / SOCKET

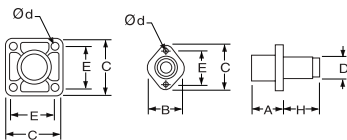


PRODUCT	A	B	C	D	E	F	G	H	I	Ød
CCH	228	60	48	82	106	82	35	65	106	7

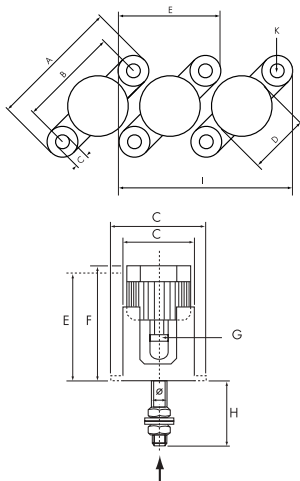
CS: INLET / PLUG / SOCKET / CONNECTOR



PRODUCT	A	B	C	D	d	E	H	K	L	M
CS2	21	32	50	26	4,5	38	57	115	152	31
CS3	33	44	70	32	5,5	44	66	158	204	38
CS5	45	45	71	32	5,5	45	50	165	20	



LINE TAPS



PRODUCT	A	B	C	D	E	F	G	H	I	K	Ø
6TA6/6TD6/6TV6	19	16	23,5	26,5	25	30	3,1X6		45,5	Ø3,3	M4
6TB6	19	16	23,5	26,5	25	30	3,1X6	23	45,5	Ø3,3	M4
6TE6	19	16	23,5	26,5	25	30	3,1X6	25	45,5	Ø3,3	M4
6TF6	19	16	23,5	26,5	25	30	3,1X6	5	45,5	Ø3,3	M4
6TA16/6TD16/6TV16	23	19	29	33	36	43	4,9X10		56	Ø4,5	M5
6TB16	23	19	29	33	36	43	4,9X10	22	56	Ø4,5	M5
6TE16	23	19	29	33	36	43	4,9X10	24,5	56	Ø4,5	M5
6TF16	23	19	29	33	36	43	4,9X10	5,5	56	Ø4,5	M5
6TA35/6TD35/6TV35	30	25	37	42	57	70	8,1X16		72	Ø5,5	M8
6TB35	30	25	37	42	57	70	8,1X16	29	72	Ø5,5	M8
6TE35	30	25	37	42	57	70	8,1X16	34	72	Ø5,5	M8
6TF35	30	25	37	42	57	70	8,1X16	7	72	Ø5,5	M8
6BA70/6BB70/6BD70/ 6BE70/6BF70	45		35	56	58,5	76,2	11,2X22,5			Ø5,2	Ø10

OPTIONAL FUNCTIONS

SPECIAL PRODUCTS AND APPLICATIONS

This catalogue does not contain all Marechal products. Should you need a modified version or even a new product, please contact us as we could undertake customisation of existing products for your specific application.

STANDARD WALL BOXES					
PRODUCT RANGE	ENTRIES	POLY WALL BOX (30°) REFERENCE		METAL WALL BOX REFERENCE	
		standard entry	alternative entries	standard entry	alternative entries
PN/PN7C PN12C STRAIGHT BOX	M20	01 NA 055		09 NA 055	
	M25		01 NA 055 418		09 NA 055 418
DSN1	M20	61 1A 053			
	M25		61 1A 053 418		
DSN3/ DSN24C	M20	61 3A 053		69 3A 053	
	M25		61 3A 053 418		69 3A 053 080 418
DSN6/ DSN37C	M20				69 6A 053 080 417
	M25	61 6A 053		69 6A 053	69 6A 053 080
	M32				69 6A 053 080 419
	M40				69 6A 053 080 420
DS7	M20	31 1A 053		39 1A 053	39 1A 053 080
	M25		31 1A 053 418		39 1A 053 080 418
DS8	M20				39 3A 053 080 417
	M25	31 3A 053		39 3A 053	39 3A 053 080
	M32				39 3A 053 080 419
	M40				39 3A 053 080 420
DN3	M20				19 3A 053 080 417
	M25			19 3A 053	19 3A 053 080
	M32				19 3A 053 080 419
	M40				19 3A 053 080 420
DS6 DS7C3	M25				39 6A 053 080 418
	M32				39 6A 053 080 419
	M40	31 6A 053		39 6A 053	
DN7C6 DN6 DN20C	M40				39 6A 053 080 429
	M25				19 6A 053 080 418
	M32			19 6A 053	19 6A 053 080 419
	M40			19 6A 053	19 6A 053 080
DS9**	M50			39 9A 053	
	M63				39 9A 053 080 463
DS2** DS7C9** 60° BOX	M50			39 2A 053	
	M63				
DN1 DN9C	M20			19 1A 053	19 1A 053 080
	M25				19 1A 053 080 418
	M32				19 1A 053 080 419
	M40				19 1A 053 080 420
DN8	M20			19 8A 053	19 8A 053 080
	M25				19 8A 053 080 418
	M32				19 8A 053 080 419
DN9	M40				19 9A 053 080 420
	M50			19 9A 053	
	M63				19 9A 053 080 463

** These boxes have either top or bottom entry. All others have top & bottom entry one open, the other with a blanking cap.

UL METAL WALL BOXES

Three sizes exist. In all cases an inclined sleeve must be used in conjunction with the UL box. Both the 30° and 70° inclined sleeves may be used with the UL box. The price includes one entry which can be tapped into the top, bottom or side walls. In some cases, two entries can be tapped side by side - this depending on the thread size and box size.

Please refer to us.

PRODUCT RANGE	DS1*/DSN24C* DSN3*/DN8* PN*	DS6/DB6 DN3/DS7C3	DS9/DB9 DN6/DN9 DN20C DN7C6
M20x1,5 pitch	87 3A 055 417	on request	on request
M25x1,5 pitch	87 3A 055 418	87 6A 055 418	on request
M32x1,5 pitch	87 3A 055 419	87 6A 055 419	87 9A 055 419
M40x1,5 pitch	87 3A 055 420	87 6A 055 420	87 9A 055 420
M50x1,5 pitch	n/a	87 6A 055 429	87 9A 055 429
M63x1,5 pitch	n/a	n/a	87 9A 055 463
M75x1,5 pitch	n/a	n/a	87 9A 055 475

* Can be used with 30° inclined sleeve only.
n/a: not applicable

HANDLES FOR SPECIFIC APPLICATIONS

FLOWERPOT HANDLES (WITH METRIC THREAD)

(cable gland not included)

PRODUCT RANGE	ENTRIES	POLY HANDLE	METAL HANDLE
		standard/alternative entry/entries	standard/alternative entry/entries
PN/PN7C PN12C	M20	01 NA 253 417	01 NA 953 417
	M25	01 NA 253 418	01 NA 953 418
	M32	01 NA 253 419	01 NA 953 419
	M40	01 NA 253 420	-
DSN1	M20	61 1A 253 417	61 1A 953 417
	M25	61 1A 253 418	61 1A 953 418
	M32	61 1A 253 419	61 1A 953 419
	M40	61 1A 253 420	-
DSN3 DSN24C	M20	61 3A 253 417	61 3A 953 417
	M25	61 3A 253 418	61 3A 953 418
	M32	61 3A 253 419	61 3A 953 419
	M40	61 3A 253 420	-
DSN6 DSN37C	M20	61 6A 253 417	61 6A 953 417
	M25	61 6A 253 418	61 6A 953 418
	M32	61 6A 253 419	61 6A 953 419
	M40	61 6A 253 420	61 6A 953 420
DN8	M20	19 8A 253 417	19 8A 953 417
	M25	19 8A 253 418	19 8A 953 418
	M32	19 8A 253 419	19 8A 953 419
	M40	19 8A 253 420	-
DN1 DN9C	M20	19 1A 253 417	19 1A 953 417
	M25	19 1A 253 418	19 1A 953 418
	M32	19 1A 253 419	19 1A 953 419
	M40	19 1A 253 420	19 1A 953 420
DN3	M20	19 3A 253 417	19 3A 953 417
	M25	19 3A 253 418	19 3A 953 418
	M32	19 3A 253 419	19 3A 953 419
	M40	19 3A 253 420	19 3A 953 420
DN6/DN7C6 DN20C	M40	19 6A 253 420	19 6A 953 420
	M50	19 6A 253 429	19 6A 953 429
DS1	M20	31 1A 253 417	31 1A 953 417
	M25	31 1A 253 418	31 1A 953 418
	M32	31 1A 253 419	31 1A 953 419
	M40	31 1A 253 420	-
DS3	M20	31 3A 253 417	31 3A 953 417
	M25	31 3A 253 418	31 3A 953 418
	M32	31 3A 253 419	31 3A 953 419
	M40	31 3A 253 420	31 3A 953 420
DS6/DS7C3	M32	31 6A 253 419	31 6A 953 419
	M40	31 6A 253 420	31 6A 953 420
	M50	31 6A 253 429	31 6A 953 429
DS9	M40	31 9A 253 420	31 9A 953 420
	M50	31 9A 253 429	31 9A 953 429
	M63	31 9A 253 463	31 9A 953 463
DS2/DS7C9	M63	39 2A 253 463	39 2A 953 463
DB3	M20	87 3A 253 417	87 3A 953 417
	M25	87 3A 253 418	87 3A 953 418
	M32	87 3A 253 419	87 3A 953 419
	M40	87 3A 253 420	87 3A 953 420
DB6	M32	87 6A 253 419	87 6A 953 419
	M40	87 6A 253 420	87 6A 953 420
	M50	87 6A 253 429	87 6A 953 429
DB9	M40	87 9A 253 420	87 9A 953 420
	M50	87 9A 253 429	87 9A 953 429
	M63	87 9A 253 463	87 9A 953 463

The following suffixes denote the metric entry thread available for flowerpot handles and wall boxes.

ISO metric entry (1,5 pitch)	reference number suffix
20 mm	417
25 mm	418
32 mm	419
40 mm	420
50 mm	429
63 mm	463
75 mm	475

Alternative threads such as NPT and PG are available. Please refer to us.

The table below lists the standard metric entry for each accessory and the alternative metric threads available for that accessory.

INDEX CATALOGUE NUMBER

Cat. Nos.	Page N°	Cat. Nos.	Page N°	Cat. Nos.	Page N°	Cat. Nos.	Page N°
01M4051	33	09M8120	32	1964151	35	251AB58	37
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01M4070	33	09N4017	27	1964170	35	2534015	38
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