

MULTICONTACT



- Number of connections up to 5000 matings.
- Very good resistance to vibrations.
- Resistance to current fluctuation.
- Resistance to corrosion.
- Solid silver-nickel contacts assure superior conductivity.



FIND ALL INFORMATION
ON OUR WEBSITE:



marechal.com



Dimensions
and certificates



PN7C P. 86

MULTI-CONTACT CONNECTORS GRP OR METAL

- Up to 7 contacts
- 25 A/500 V max.
- IP66/IP67
- Screw-in contacts



DN9C P. 87

CONNECTEUR Δ MULTICONTACTS METAL

- Up to 9 contacts
- 30 A/415 V max.
- IP54/IP55 (IP66 in option)
- Screw-in contacts



PN12C P. 88

MULTI-CONTACT CONNECTORS GRP OR METAL

- Up to 12 contacts
- 16 A/480 V max.
- IP66/IP67
- Crimping or welding contacts



DN20C P. 90

METAL MULTI-CONTACT CONNECTORS

- Up to 20 contacts
- 25 A/415 V max.
- IP54/IP55 (IP66 in option)
- Screw-in contacts



DSN12C P. 89

GRP MULTI-CONTACT CONNECTORS

- Up to 12 contacts
- 16 A/480 V max.
- IP66/IP67/IP69
- Crimping or welding contacts



DSN24C P. 91

GRP MULTI-CONTACT CONNECTORS

- Up to 24 contacts
- 16 A/415 V max.
- IP66/IP67
- Crimping or welding contacts



DSN37C P. 92

GRP MULTI-CONTACT CONNECTORS

- Up to 37 contacts
- 16 A/415 V max.
- IP66/IP67
- Crimping or welding contacts



DS7C3 P. 93

DECONTACTOR™ Δ METAL

- Up to 7 contacts
- Star delta starting
- 50 A/500 V max.
- IP55

CRIMPING CONTACTS



FOR
PN12C/DSN12C/
DSN24C/DSN37C

ECONOMIC AND TECHNICAL ADVANTAGES

Crimping ensures an economical and sustainable solution through installation time saving and quality of connection.

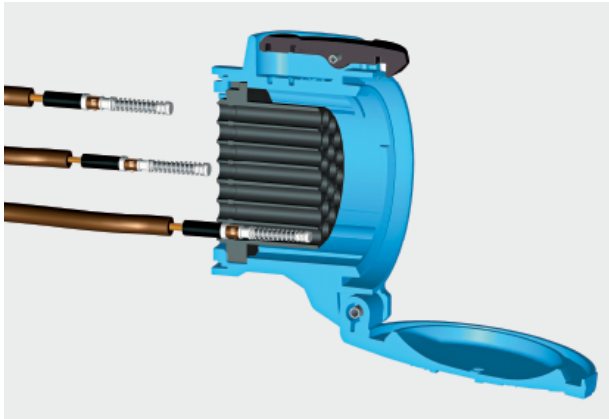
- No need for soldering performance qualifications.
- High resistance to vibrations.
- Handling more than 5000 operations: a high durability and quality of connection guaranteed.

ACCESSORIES AND OPTIONS	DESIGNATION	REFERENCE
	Bag of 13 females contacts	01AA213
	Bag of 13 males contacts	01AA113 (PN12C/DSN12C) 61CA113 (DSN24C/37C)
	Multi-Contact removal tool	61CA593
	European crimping tool	61CA500
	Helavia sleeve expansion tool	61CA400
	Bag of 13 heat shrink insulation sleeves	61CA083

FAST WIRING

- Cable conductors: 1 mm² to 2,5 mm²
- Before wiring, equip each conductor with a heat-shrink sleeve or an insulating sleeve.
- After wiring, cover the visible portion of the contact with the sleeve.
- Crimp the contact with a KNIPEX crimping tool P/N° 61CA500 or a GREENLEE crimping tool P/N° 45505.
- Use the 4 mm² footprint whatever the conductor cross-section.
- Perform a double crimping in compliance with CEI 60352-2 standard.
- Conductors can equally be soldered.

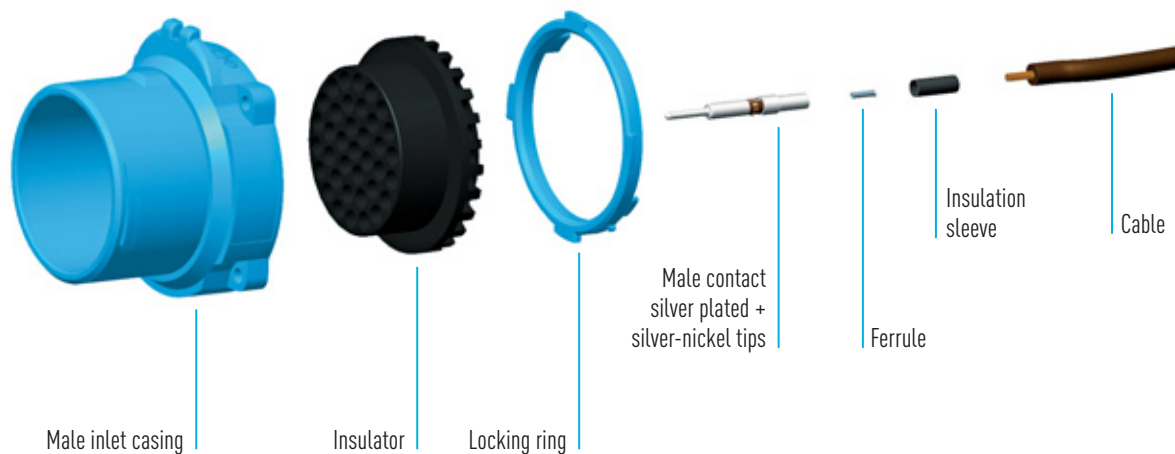
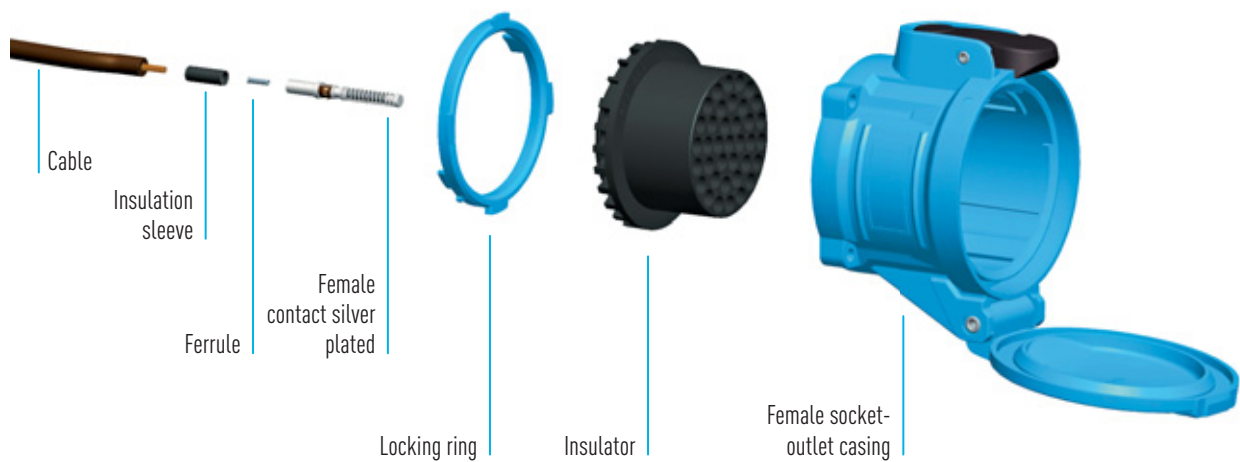
SIMPLE ASSEMBLY AND DISASSEMBLY

**Assembly**

To insert contacts when they have been wired is simple.
Push wired contact into rear of insulator until it stops to complete the installation.

**Disassembly**

To remove, use the tool provided.
Push tool from front onto contact until tool stops.
Contact is then released at rear of insulator.





WALL MOUNTING SOCKET PN7c



Wall box poly 30°
511B3M20



Socket-outlet
01P4061

PLUG PN7c



Straight handle poly
511P0D18



Inlet
01P8061

MAIN FEATURES

Rated current/contact (wiring according to standard)	25 A	Shock resistance (metal casing)	IK09
Σ of currents (contacts)	≤ 130 A	Ambient temperature	-40 °C to +60 °C
Maximum voltage	500 V	Flexible wiring (min-max)	1-4 mm ²
IP protection lid closed	IP66/IP67	Stranded wiring (min-max)	1-6 mm ²
IP protection plug connected	IP66/IP67	Wiring (terminals)	screw-type
Shock resistance (poly casing)	IK08	Keying positions	5



GRP devices are not compatible with metal devices.



In case of Different voltage, think of MARECHAL® keying position coding



SOCKET- OUTLET female PN7c (16/25 A)



INLET male PN7c (16/25 A)



50 V AC	6P (16 A)	01P4060	01P8060
50 V AC	7P (16 A)	01P4070	01P8070
500 V AC	5P+E (25 A)	01P4051	01P8051
500 V AC	6P+E (16 A)	01P4061	01P8061



SOCKET- OUTLET female PN7c (16/25 A)



INLET male PN7c (16/25 A)



50 V AC	6P (16 A)	09P4060	09P8060
50 V AC	7P (16 A)	09P4070	09P8070
480 V AC	5P+E (25 A)	09P4051	09P8051
480 V AC	6P+E (16 A)	09P4061	09P8061



For a black colour GRP housing replace the second reference character 1 with 5.

INFO+

OPTIONS AND ACCESSORIES

Find the boxes, sleeves and handles at the end of the section page 95.





**WALL MOUNTING
SOCKET DN9c**



Wall box metal 20°
593B2M25



Socket-outlet
1914081



PLUG DN9c



Straight handle poly
513POD30



Inlet
1918081

MAIN FEATURES

Rated current/contact (wiring according to standard)	30 A	Ambient temperature	-40 °C to +60 °C
Σ of currents (contacts)	≤ 210 A	Flexible wiring (min-max)	1-6 mm²
Maximum voltage	415 V	Stranded wiring (min-max)	1,5-10 mm²
IP protection lid closed	IP55	Wiring (terminals)	screw-type
IP protection plug connected	IP54	Keying positions	2
Shock resistance	IK09		



In case of Different
voltage, think of MARECHAL®
keying position coding

**SOCKET-
OUTLET female
DN9c (30 A)**



**INLET male
DN9c (30 A)**



50 V AC	6P	1914060	1918060
50 V AC	7P	1914070	1918070
50 V AC	8P	1914080	1918080
50 V AC	9P	1914090	1918090
415 V AC	5P+E	1914051	1918051
415 V AC	6P+E	1914061	1918061
415 V AC	7P+E	1914071	1918071
415 V AC	8P+E	1914081	1918081

► The contacts can be assigned either power or signal.





WALL MOUNTING SOCKET PN12C



Wall box poly 30°
511B3M20



Socket-outlet
01A4001

PLUG PN12C



Straight handle plug
511P0D18



Inlet
01A8001

MAIN FEATURES

Maximum voltage	480 V	Σ of currents (contacts)	≤ 110 A
Impulse withstand voltage	5 kV/Pollution degree 3	Flexible wiring (min-max)	1-2,5 mm ²
Contact resistance	< 2 mΩ	Wiring (terminals)	To weld/crimp
Permitted current range	4-20 mA/16 A	Keying positions	2
Rated current percontact (max)	16 A		

CLIMATIC FEATURES

Ambient temperature	-40 °C to +60 °C	Salt, Fog performance	1000 hours connected
IP protection plug connected	IP66/IP67	Resistance to fluids	Motor oils, petrol, oils, detergents...
IP protection lid closed	IP66/IP67		

MECHANICAL FEATURES

Butt contacts	Pastilles argent-nickel	Shock resistance (poly casing)	IK08
Contact protection	Silvering	Shock resistance (metal casing)	IK09
Load cycles	> 5 000 cycles	Vibration	Frequency 5-1000 Hz, 1g/(90 minutes on each critical frequency) according to IEC 6068-2-6



AISI 304 stainless steel version available on request



SOCKET- OUTLET female PN12C (16 A)



INLET male PN12C (16 A)



GRP	480 V AC	12 contacts	01A4001	01A8001
METAL	480 V AC	12 contacts	09A4001	09A8001
		Bag of 13 contacts	01AA213	01AA113

► Each product is supplied with 1 bag of 13 contacts, supplied with insulation sleeves and ferrules



For a black colour GRP housing replace the second reference character 1 with 5.



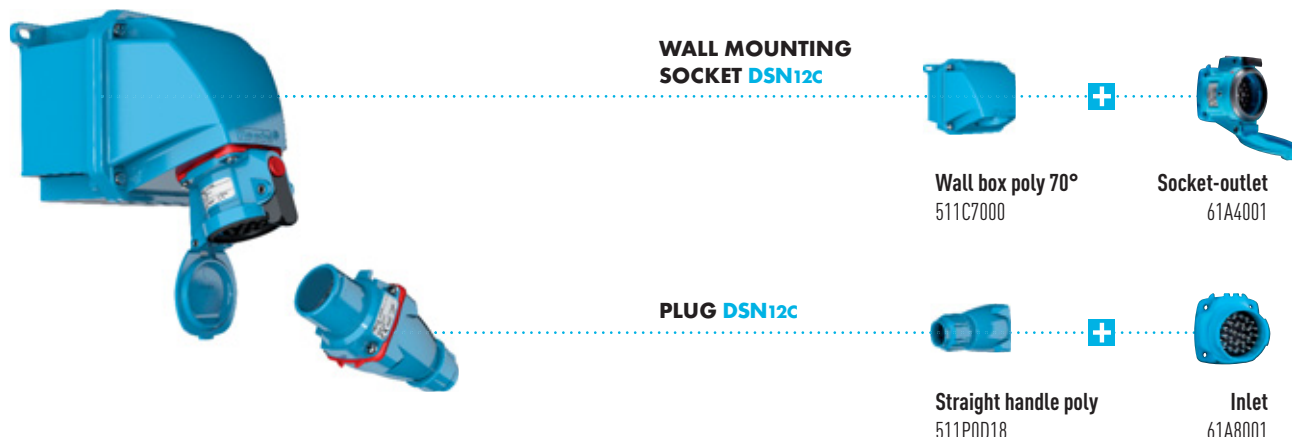
GRP devices are not compatible with metal devices.

INFO+

OPTIONS AND ACCESSORIES

Find the boxes, sleeves and handles at the end of the section page 95.





MAIN FEATURES

Maximum voltage	480 V	Σ of currents (contacts)	≤ 110 A
Impulse withstand voltage	5 kV/Pollution degree 3	Flexible wiring (min-max)	1-2,5 mm²
Contact resistance	< 2 mΩ	Wiring (terminals)	To weld/crimp
Permitted current range	4-20 mA/16 A	Keying positions	1
Rated current percontact (max)	16 A		

CLIMATIC FEATURES

Ambient temperature	-40 °C to +60 °C	Salt, Fog performance	1000 hours connected
IP protection plug connected	IP66/IP67/IP69	Resistance to fluids	Motor oils, petrol, oils, detergents...
IP protection lid closed	IP66/IP67/IP69		

MECHANICAL FEATURES

Butt contacts	Pastilles argent-nickel	Shock resistance	IK08
Contact protection	Silvering	Vibration	Frequency 5-1000 Hz, 1g/(90 minutes on each critical frequency) according to IEC 6068-2-6
Load cycles	> 5000 cycles		

SOCKET-OUTLET female
DSN12C (16 A)



INLET male
DSN12C (16 A)



480 V AC	12 contacts	61A4001	61A8001
	Bag of 13 contacts	01AA213	61CA113

► Each product is supplied with 1 bag of 13 contacts, supplied with insulation sleeves and ferrules

INFO+

OPTIONS AND ACCESSORIES

Find the boxes, sleeves and handles at the end of the section page 95.





**WALL MOUNTING
SOCKET DN20c**



Wall box metal 30°
595C3M50



Socket-outlet
1964191



PLUG DN20c



Straight elastomer
555POD35



Inlet
1968191

MAIN FEATURES

Rated current/contact (wiring according to standard)	25 A	Ambient temperature	-40 °C to +60 °C
Σ of currents (contacts)	≤ 350 A	Flexible wiring (min-max)	1-6 mm ²
Maximum voltage	415 V	Stranded wiring (min-max)	1,5-10 mm ²
IP protection lid closed	IP55	Wiring (terminals)	screw-type
IP protection plug connected	IP54	Keying positions	4
Shock resistance	IK09		



In case of Different
voltage, think of
MARECHAL® keying
position coding

**SOCKET-
OUTLET** female
DN20c (25 A)



INLET male
DN20c (25 A)



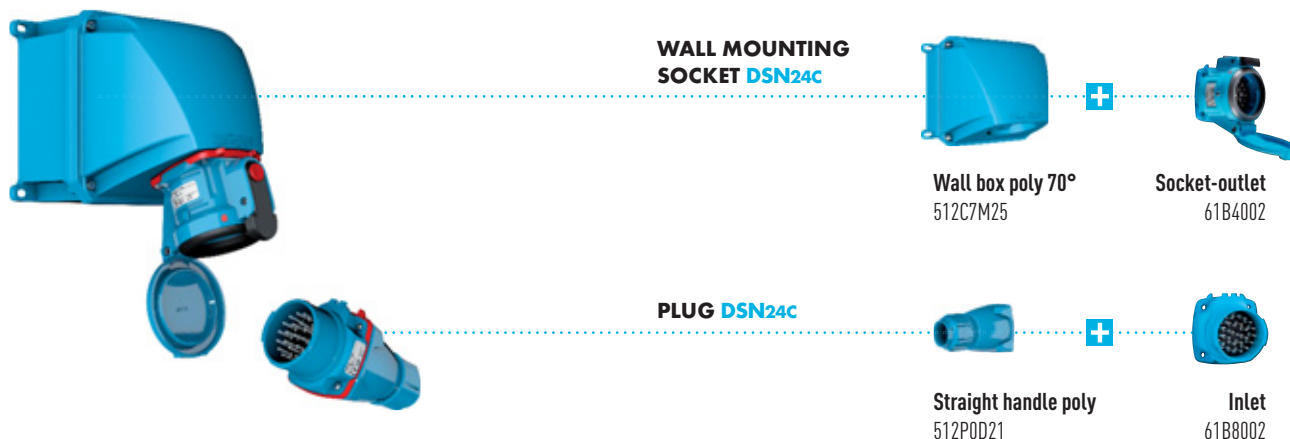
50 V AC	10P	1964100	1968100
50 V AC	11P	1964110	1968110
50 V AC	12P	1964120	1968120
50 V AC	13P	1964130	1968130
50 V AC	14P	1964140	1968140
50 V AC	15P	1964150	1968150
50 V AC	16P	1964160	1968160
50 V AC	17P	1964170	1968170
50 V AC	18P	1964180	1968180
50 V AC	19P	1964190	1968190
50 V AC	20P	1964200	1968200
415 V AC	9P+E	1964091	1968091
415 V AC	10P+E	1964101	1968101
415 V AC	11P+E	1964111	1968111
415 V AC	12P+E	1964121	1968121
415 V AC	13P+E	1964131	1968131
415 V AC	14P+E	1964141	1968141
415 V AC	15P+E	1964151	1968151
415 V AC	16P+E	1964161	1968161
415 V AC	17P+E	1964171	1968171
415 V AC	18P+E	1964181	1968181
415 V AC	19P+E	1964191	1968191

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OPTIONS AND ACCESSORIES

Find the boxes, sleeves and handles at the end of the section page 95.





MAIN FEATURES

Maximum voltage	480 V	Σ of currents (contacts)	≤ 230 A
Impulse withstand voltage	5 kV/Pollution degree 3	Flexible wiring (min-max)	1-2,5 mm²
Contact resistance	< 2 mΩ	Wiring (terminals)	To weld/crimp
Permitted current range	4-20 mA/16 A	Keying positions	1
Rated current percontact (max)	16 A		

CLIMATIC FEATURES

Ambient temperature	-40 °C to +60 °C	Salt, Fog performance	200 hours connected
IP protection plug connected	IP66/IP67	Resistance to fluids	Motor oils, petrol, oils, detergents...
IP protection lid closed	IP66/IP67		

MECHANICAL FEATURES

Butt contacts	Pastilles argent-nickel	Shock resistance	IK08
Contact protection	Silvering	Vibration	Frequency 5-1000 Hz, 1g/(90 minutes on each critical frequency) according to IEC 6068-2-6
Load cycles	> 5000 cycles		

SOCKET-OUTLET female
DSN24c (16 A)



INLET male
DSN24c (16 A)



480 V AC	24 contacts	61B4002	61B8002
	Bag of 13 contacts	01AA213	61CA113

► Each product is supplied with 2 bags of 13 contacts, supplied with insulation sleeves and ferrules



For a black colour GRP housing replace the second reference character 1 with 5.

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OPTIONS AND ACCESSORIES

Find the boxes, sleeves and handles at the end of the section page 95.





WALL MOUNTING SOCKET DSN37C



Wall box poly 70°
513C7M25



Socket-outlet
61C4003

PLUG DSN37C



Straight handle poly
513P0D30



Inlet
61C8003

MAIN FEATURES

Maximum voltage	480 V	Σ of currents (contacts)	≤ 360 A
Impulse withstand voltage	5 kV/Pollution degree 3	Flexible wiring (min-max)	1-2,5 mm²
Contact resistance	< 2 mΩ	Wiring (terminals)	To weld/crimp
Permitted current range	4-20 mA/16 A	Keying positions	3
Rated current percontact (max)	16 A		

CLIMATIC FEATURES

Ambient temperature	-40 °C to +60 °C	Salt, Fog performance	200 hours connected
IP protection plug connected	IP66/IP67	Resistance to fluids	Motor oils, petrol, oils, detergents...
IP protection lid closed	IP66/IP67		

MECHANICAL FEATURES

Butt contacts	Pastilles argent-nickel	Shock resistance	IK08
Contact protection	Silvering	Vibration	Frequency 5-1000 Hz, 1g/(90 minutes on each critical frequency) according to IEC 6068-2-6
Load cycles	> 5000 cycles		

SOCKET- OUTLET female DSN37C (16 A)



INLET male DSN37C (16 A)



480 V AC	37 contacts	61C4003	61C8003
	Bag of 13 contacts	01AA213	61CA113

► Each product is supplied with 3 bags of 13 contacts, supplied with insulation sleeves and ferrules



For a black colour GRP housing replace the second reference character 1 with 5.

INFO+

OPTIONS AND ACCESSORIES

Find the boxes, sleeves and handles at the end of the section page 95.





MAIN FEATURES

Rated current (with wiring according to standard)	50 A	Ambient temperature	-40 °C to +60 °C
Maximum voltage	500 V	Flexible wiring (min-max)	2,5-10 mm²
IP protection lid closed	IP55	Stranded wiring (min-max)	2,5-10 mm²
IP protection plug connected	IP54	Wiring (terminals)	screw-type
Shock resistance (metal casing)	IK09	Keying positions	5
Auxiliary contacts 5 A/400 V option	3		

Load-break capability of the DECONTACTOR™

Comply with IEC/EN 60309-1 and IEC/EN 60309-4 standards	50 A/500 V
Load-break capability according to IEC/EN 60947-3/AC-22 A	50 A/500 V

**SOCKET-
OUTLET** female
DS7c3 (50 A)



INLET male
DS7c3 (50 A)



50 A/max 500 V AC	6P+E	3934561	3938561
50 A/max 500 V AC	6P+E+3 aux.	3934561972	3938561972





OPTIONS (DETAILS ON PAGE 216)

	PN7c PN12c	DN9c	DN20c	DSN12c	DSN24c	DSN37c
LOCKING PIN FOR 2 PADLOCKS Ø 8 mm (PADLOCKS NOT SUPPLIED)						
	Ref. + 843 1 padlocks Ø 4 mm	NA	NA	Ref. + 843	Ref. + 843	Ref. + 843
LOCKING PIN FOR 3 PADLOCKS Ø 8 mm (PADLOCKS NOT SUPPLIED)						
	NA	Ref. + 844	Ref. + 844	NA	NA	NA
SCREW LOCKING IMPRINT BTR 2,5						
	Ref. + 22	NA	NA	NA	NA	NA
LARGER RELEASE BUTTON						
	NA	Socket-outlet ref. + 453	Socket-outlet ref. + 453	Socket-outlet ref. + 453	Socket-outlet ref. + 453	Socket-outlet ref. + 453
IN-LINE CONNECTIONS (A PAIR OF FINGER DRAW PLATES TO AID CLOSING)						
				611A346	613A346	616A346
INLET CAP						
		191A126	196A126	NA	NA	NA
	IP66/IP67	01NA426	NA	611A426	613A426	616A426
180° OPENING LID						
	Metal socket ref. + 10	Metal socket ref. + 10	Metal socket ref. + 10	Metal socket ref. + 10	Metal socket ref. + 10	Metal socket ref. + 10
SELF-RETURNING LID (WITHOUT FULL CLOSURE IP40)						
	Socket-outlet ref. +R	Socket-outlet ref. +R	Socket-outlet ref. +R	Socket-outlet ref. +R	Socket-outlet ref. +R	Socket-outlet ref. +R
180° OPENING & SELF-RETURNING LID						
	Socket-outlet ref. + 18	Socket-outlet ref. + 18	Socket-outlet ref. + 18	Socket-outlet ref. + 18	Socket-outlet ref. + 18	Socket-outlet ref. + 18
CLOSING MECHANISM						
	NA	NA	Draw lever only 196A376	NA	NA	NA
	NA	NA	Draw plate only 196A396	NA	NA	NA
IP66/IP67 SOCKET-OUTLET AND INLET						
	Standard	Ref. + 600	Ref. + 600	Standard	Standard	Standard
ELECTROMAGNETIC COMPATIBILITY (EMC) (SEE DETAIL PAGE 223)						
	Metal socket ref. +EMC	Metal socket ref. +EMC				



ACCESSORIES

(SEE PAGE 238 TO CROSS REFERENCE WITH OLDER PART NUMBERS)

BOXES			PN7c DSN12c PN12c Size 1	DSN24c Size 2	DN9c DSN37c Size 3	DS7c3 Size 4	DN20c Size 5	
POLY BOX								
	30°	M20	511B3M20	512B3M20				
	30°	M25	511B3M25	512B3M25	513B3M25			
	30°	M32				514B3M32		
	30°	M40				514B3M40		
METAL BOX (+ EARTHING WIRE)								
	20°	M20		592B2M20	593B2M20			Ref. +EMC
	20°	M25		592B2M25	593B2M25	594B2M25		Ref. +EMC
	20°	M32			593B2M32	594B2M32		Ref. +EMC
	20°	M40				594B2M40		
POLY BOX + POLY SLEEVE								
	70°	Without Hole	511C7000	512C7000	513C7000	514C7000		
	70°	ø 20	511C7M20	512C7M20				
	70°	ø 25	511C7M25	512C7M25	513C7M25			
	70°	ø 32	511C7M32	512C7M32	513C7M32	514C7M32		
	70°	ø 40		512C7M40	513C7M40	514C7M40		
METAL BOX (+ EARTHING WIRE) + POLY SLEEVE								
	30°	M20	511C3M20	512C3M20	513C3M20			
	30°	M25		512C3M25	513C3M25	514C3M25		
	30°	M32		512C3M32	513C3M32	514C3M32	515C3M32	
	30°	M40		512C3M40	513C3M40	514C3M40	515C3M40	
	30°	M50				514C3M50	515C3M50	
	30°	M63					515C3M63	
	30°	M63					515C3M63	
METAL BOXES WITH METAL SLEEVE (+ EARTHING WIRE)								
	30°	M20		592C3M20	593C3M20			Ref. +EMC
	30°	M25		592C3M25	593C3M25	594C3M25		Ref. +EMC
	30°	M32		592C3M32	593C3M32	594C3M32	595C3M32	Ref. +EMC
	30°	M40			593C3M40	594C3M40	595C3M40	Ref. +EMC
	30°	M50				594C3M50	595C3M50	
	30°	M63					595C3M63	
	0°	M20		592C0M20	593C0M20			Ref. +EMC
	0°	M25		592C0M25	593C0M25	594C0M25		Ref. +EMC
	0°	M32		592C0M32	593C0M32	594C0M32	595C0M32	Ref. +EMC
	0°	M40			593C0M40	594C0M40	595C0M40	Ref. +EMC
	0°	M50				594C0M50	595C0M50	
	0°	M63					595C0M63	
	45°	M20	591C4M20					
	45°	M25	591C4M25					
	45°	M32	591C4M32					
	70°	M20			593C7M20			Ref. +EMC
	70°	M25			593C7M25	594C7M25		Ref. +EMC
	70°	M32			593C7M32	594C7M32	595C7M32	Ref. +EMC
	70°	M40			593C7M40	594C7M40	595C7M40	Ref. +EMC
	70°	M50				594C7M50	595C7M50	
	70°	M63					595C7M63	



ACCESSORIES

(SEE PAGE 238 TO CROSS REFERENCE WITH OLDER PART NUMBERS)

BOXES			PN7c DSN12c PN12c Size 1	DSN24c Size 2	DN9c DSN37c Size 3	DS7c3 Size 4	DN20c Size 5
METAL BOXES WITH METAL SLEEVE (+ EARTHING WIRE)							
	0°	M50					595E0M50
	30°	M50					595E3M50
	30°	M63					595E3M63
	70°	M50					595E7M50
	70°	M63					595E7M63

SLEEVE		PN7c DSN12c PN12c Size 1	DSN24c Size 2	DN9c DSN37c Size 3	DS7c3 Size 4	DN20c Size 5	
POLY SLEEVE							
 Size 1	30°	511M3	512M3	513M3	514M3	515M3	
	30°	551M3	552M3	553M3	554M3	555M3	
	70°	511M7	512M7	513M7	514M7		
	70°	551M7	552M7	553M7			
METAL SLEEVE							
	0°	591M0	592M0	593M0	594M0	595M0	Ref. +EMC
 Size 1	30°	591M3	592M3	593M3	594M3	595M3	Ref. +EMC
	45°	591M4					
	70°			593M7	594M7	595M7	Ref. +EMC

HANDLE		PN7c DSN12c PN12c Size 1	DSN24c Size 2	DN9c DSN37c Size 3	DS7c3 Size 4	DN20c Size 5		
POLY HANDLE WITH GLAND								
 * Short	9-18 mm	511P0D18*						
	5-21 mm	511P0D21	512P0D21					
	10-30 mm			513P0D30				
	13-35 mm				514P0D35			
 * Short	9-18 mm	551P0D18*						
	5-21 mm		552P0D21					
	10-30 mm			553P0D30				
	13-35 mm				554P0D35			
 60° angle	9-18 mm	511P6D18						
 60° angle	9-18 mm	551P6D18						
ELASTOMER HANDLE WITH GLAND								
	18-25 mm					555P0D25		
	25-35 mm					555P0D35		
	35-45 mm					555P0D45		
	45-49 mm					555P0D49		
POLY HANDLE WITH POLY CABLE GLAND								
	5-12 mm	511P020P	512P020P				Ref. +443	
	9-18 mm	511P025P	512P025P	513P025P			Ref. +443	
	14-25 mm	511P032P	512P032P	513P032P	514P032P	515P032P	Ref. +443	
	18-32 mm		512P040P	513P040P	514P040P	515P040P	Ref. +443	
	24-38 mm				514P050P	515P050P		
	35-48 mm					515P063P		
METAL HANDLE WITH METAL GLAND (+ EARTHING WIRE)								
	7-13 mm	591P020M	592P020M	593P020M			Ref. +EMC (7-12 mm)	
	8-16 mm	591P025M	592P025M	593P025M	594P025M		Ref. +EMC (9-16 mm)	
	16-24 mm	591P032M	592P032M	593P032M	594P032M	595P032M	Ref. +EMC (11-21 mm)	
	22-32 mm			593P040M	594P040M	595P040M	Ref. +EMC (19-28 mm)	
	34-44 mm				594P050M	595P050M		
	35-48 mm					595P063M		
POLY HANDLE WITHOUT CABLE GLAND (METRIC THREAD ENTRY)								
	M20	511P0M20	512P0M20	513P0M20			Ref. +443	
	M25	511P0M25	512P0M25	513P0M25			Ref. +443	
	M32	511P0M32	512P0M32	513P0M32	514P0M32		Ref. +443	
	M40		512P0M40	513P0M40	514P0M40		Ref. +443	
	M50				514P0M50	515P0M50	Ref. +443	
	M63					515P0M63	Ref. +443	
METAL HANDLE WITHOUT CABLE GLAND (METRIC THREAD ENTRY)								
	M20	591P0M20	592P0M20	593P0M20			Ref. +EMC	
	M25	591P0M25	592P0M25	593P0M25	594P0M25		Ref. +EMC	
	M32	591P0M32	592P0M32	593P0M32	594P0M32	595P0M32	Ref. +EMC	
	M40			593P0M40	594P0M40	595P0M40	Ref. +EMC	
	M50				594P0M50	595P0M50		
	M63					595P0M63		