

THE SAFER SOCKET THAT WON'T HURT YOUR POCKET!

Plugs & Socket-outlets & Deconnectors 



*No pilot needed to break the current,
simply press the button*

Reliability with mechanical strength

- Quality of the contacts (silver-nickel tips)
- Casing made of metal treated anti-corrosion or of glassfibre-reinforced polyester (protection against chemicals, UV, shocks)
- Operate from -25 °C to +40 °C
- Vibration-proof terminals
- Performs from 2 to 8 times the number of operations required by the standard IEC/EN 60309-1.



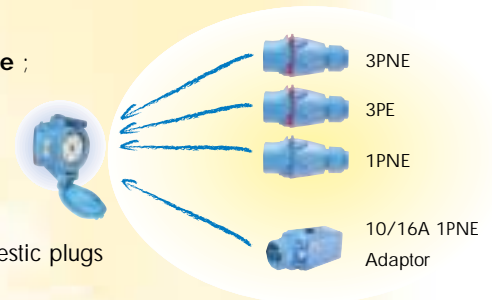
Flexibility with cost savings



Reduce the number of socket-outlets :

400V - 3PNE socket-outlets are **dual-voltage** ;
you can connect :

- 400V 3PNE plug
- 400V 3PE plug
- 230V 1PNE plug
- 230V adaptor for industrial sockets to domestic plugs

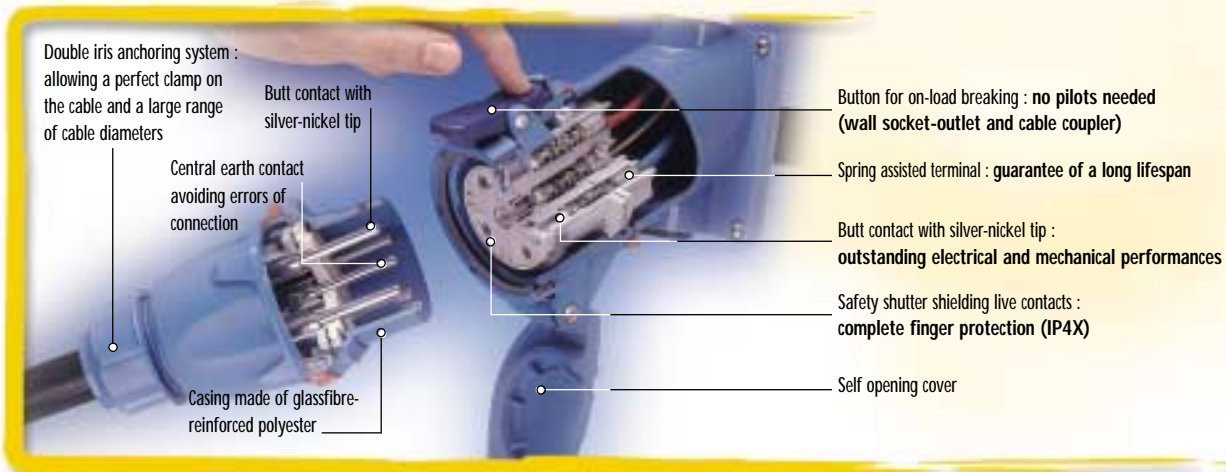


New range of modular enclosures

Cover all your needs (IP55, 67, with MCB, RCD, fuses ...).

Safety : Compact built-in switching device

DECONTACTOR® = a plug and socket + a switch



SIMPLE SELEC

How to order Marechal products ? You just need to add

OUTLETS



- Wall mounting socket = Socket-outlet + Wall box
- Inclined socket = Socket-outlet + Inclined sleeve
- Connector = Socket-outlet + Handle

IP66 & 67 DSN Range



FOR ALL APPLICATIONS IN WET AREAS :
Food industry, slaughter houses, tunnels ...

- A very compact range in polyester, up to 63A
- Automatic **IP 66 and 67**
 - just by inserting the plug (no ring to turn)
 - when lid shut (no ring to turn)
- Suitable even for highly inductive loads

Socket-outlet



	Current	Material	24V	230V	400V	Dual-voltage
			2P	1P+N+E	3P+E	230/400V
DSN1	20A	Poly	611408A	6114015	6114013	6114017
DSN3	32A	Poly	613408A	6134015	6134013	6134017
DSN6	63A	Poly	*	*	6164013	6164017

* Other voltages and frequencies : contact us

Wall box



Inlet/Outlet	Material	30° Box		70° Box	
		Entry	Reference	Entry (1)	Reference
DSN1	Poly	M20	61 1A 053	M16 to M32	51 AA S58
DSN3	Poly	M20	61 3A 053	M16 to M32	51 BA S58
	Poly	M25	61 3A 083	M16 to M32	51 BA S58
DSN6	Poly	M25	61 6A 053	M16 to M40	51 CA S58

(1) Untapped
Cableglend not included

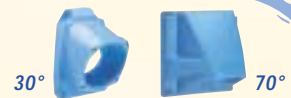
Inlet



	Current	Material	24V	230V	400V	
			2P	1P+N+E	3P+E	3P+N+E
DSN1	20A	Poly	611808A	6118015	6118013	6118017
DSN3	32A	Poly	613808A	6138015	6138013	6138017
DSN6	63A	Poly	*	*	6168013	6168017

* Other voltages and frequencies : contact us

Inclined sleeve



Inlet/Outlet	Material	30° Sleeve	70° Sleeve
		Reference	Reference
DSN1	Poly	61 1A 027	51 AA 757
DSN3	Poly	61 3A 027	51 BA 757
DSN6	Poly	61 6A 027	51 CA 757

Handle



Inlet/Outlet	Material	Ø mm	Reference
DSN1	Poly	8-15	61 1A 013
DSN3	Poly	5-21	61 3A 013
DSN6	Poly	10-30	61 6A 013*

* For a cable coupler, change 013 to 473

Adaptor for industrial socket 1PNE to domestic plugs 10/16A

For DSN1 : 61 18 015 D40
DSN3 : 61 38 015 D40



For

IP67 Inlet caps

DSN1 : 61 1A 126
DSN3 : 61 3A 126
DSN6 : 61 6A 126



CTION GUIDE

Add the appropriate accessory to the socket or the inlet

INLETS



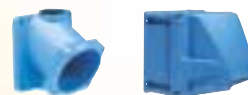
- Plug = Inlet + Handle
- Inclined appliance inlet = Inlet + Inclined sleeve
- Wall mounting appliance inlet = Inlet + Wall box

IP54 & 55 DS Range

FOR ALL INDUSTRIAL APPLICATIONS

- A complete range up to 250A/1000V
- Polyester housings for 30A, 50A, 90A and 150A
- Metal housings for 90A, 150A and 250A
- Many options available (auxiliary contacts, auto-ejecting plugs and connectors...)
- Suitable for mixed resistive and inductive loads (motors, pumps ...)

Wall box



Socket-outlet



	Current	Material	24V	230V	400V	dual-voltage
			2P	1P+N+E	3P+E	230/400V
DS1	30A	Poly	311408A	3114015	3114013	3114017
DS3	50A	Poly	313408A	3134015	3134013	3134017
DS6	90A	Poly	*	3164015	3164013	3164017
DS6	90A	Metal	*	*	3964013	3964017
DS9	150A	Poly	*	*	3194013	3194017
DS9	150A	Metal	*	*	3994013	3994017
DS2	250A	Metal	*	*	3924013	3924017

* Other voltages and frequencies : contact us

Inlet



	Current	Material	24V	230V	400V	
			2P	1P+N+E	3P+E	3P+N+E
DS1	30A	Poly	311808A	3118015	3118013	3118017
DS3	50A	Poly	313808A	3138015	3138013	3138017
DS6	90A	Poly	*	3168015	3168013	3168017
DS6	90A	Metal	*	*	3968013	3968017
DS9	150A	Poly	*	*	3198013	3198017
DS9	150A	Metal	*	*	3998013	3998017
DS2	250A	Metal	*	*	3928013	3928017

* Other voltages and frequencies : contact us

Adaptor for industrial socket 1PNE to domestic plugs 10/16A

For DS1 : 31 18 015 D40



Pour

IP67 Inlet caps

- DS1 : 31 1A 126
- DS3 : 31 3A 126
- DS6 : 31 6A 126
- DS9 : 31 9A 126
- DS2 : 31 2A 126



Inlet/Outlet	Material	30° Box		70° Box	
		Entry	Reference	Entry (1)	Reference
DS1	Poly	M20	31 1A 053	M16 to M32	51 BA S58
DS3	Poly	M25	31 3A 053	M16 to M40	51 CA S58
DS6	Poly	M40	31 6A 053	M16 to M40	51 DA S58
DS6	Metal	M40	39 6A 053		
DS9	Metal (20°)	M50	39 9A 053		
DS2	Metal (60°)	M63	39 2A 053		

(1) Untapped
Cable gland not included

Inclined sleeve



Inlet/Outlet	Material	30° Sleeve		70° Sleeve	
		Reference	Reference	Reference	Reference
DS1	Poly	31 1A 027	51 BA 757		
DS3	Poly	31 3A 027	51 CA 757		
DS6	Poly	31 6A 027	51 DA 757		
DS6	Metal	39 6A 027			
DS9	Poly	31 9A 027			
DS9	Metal	39 9A 027			
DS2	Metal (60°)	39 2A 027			

Handle



Inlet/Outlet	Material	Ø mm	Reference
DS1	Poly	5-21	31 1A 013
DS3	Poly	10-30	31 3A 013*
DS6	Poly	13-35	31 6A 013*
DS9	Neoprene	25-45	31 9A 013
DS2	Neoprene	34-58	39 2A 013

* For a cable coupler, change 013 to 473

ATEX

FOR ALL EXPLOSIVE ENVIRONMENTS :
 Grain silos, chemical, pharmaceutical and
 petrochemical industries, manufacture of fertilisers...
 (Zones 1, 2, 21 & 22)



IP66 & 67 DXN Range



- Compliance with **ATEX 94/9/ce** directive and harmonized European standard for electrical apparatus in hazardous locations : EN 50014 (general rules), EN 50018 (explosion-proof safety "d") and EN 50019 (increased safety "e"), and European standard for dust hazardous area : EN 50281-1-1.
- **EEX ed IIC T6** (except DXN6 : T6 for 60A, T5 for 63A)
- Compliance with international standard IEC 60 309-1 for industrial plugs and socket-outlets
- **IP66 and 67** according to international standard IEC 60529 for watertightness
- Up to 32A, Marechal DXN 1 & 3 explosion-proof plugs are compatible with Marechal DSN 1 & 3 industrial socket-outlets.

"ed" Socket-outlet



	Current	Material	24V	230V	400V	dual-voltage
			2P	1P+N+E	3P+E	230/400V
DXN1	20A	Poly	251408A	2514015	2514013	2514017
DXN3	32A	Poly	253408A	2534015	2534013	2534017
DXN6	60/63A	Poly	*	*	2564013	2564017

* Other voltages and frequencies : contact us

Wall box



"ed" cable gland included

Inlet/Outlet	Material	70° Box	
		Entry	Reference
DXN1	Poly	1x M20 (8-13)	25 1A B58
DXN3	Poly	1x M25 (13-19)	25 3A B58
	Poly	1x M32 (17-25)	25 3A B58 25P
DXN6	Poly	1x M32 (17-25)	25 6A B58
	Poly	1x M40 (24-32)	25 6A B58 40P

"ed" Inlet



	Current	Material	24V	230V	400V	
			2P	1P+N+E	3P+E	3P+N+E
DXN1	20A	Poly	251808A	2518015	2518013	2518017
DXN3	32A	Poly	253808A	2538015	2538013	2538017
DXN6	60/63A	Poly	*	*	2568013	2568017

* Other voltages and frequencies : contact us

Handle



"ed" cable gland included

Inlet/Outlet	Material	Entry	Reference
DXN1	Poly	M20 (8-13)	25 1A 753
DXN3	Poly	M20 (8-13)	25 3A 753
	Poly	M25 (13-19)	25 3A 783
DXN6	Poly	M25 (13-19)	25 6A 753
	Poly	M32 (17-25)	25 6A 253 32P

MARECHAL
 electric

The rest of the range:

- Plugs and sockets for high currents from 315A to 600A
- Multicontacts plugs and sockets from 5 to 37 contacts
- Distribution boxes up to 90A and tunnel boxes
- Battery charger connectors from 75A to 200A
- Single pole connectors from 75A to 1000A

MARECHAL
 electric

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