



WALL MOUNTING SOCKET DXN6



Wall box poly 30°
256AB53



Socket-outlet
2564017

PLUG DXN6



Straight handle poly
256A753



Inlet
2568017

MAIN FEATURES

Rated current (with wiring according to standard)	63 A	Flexible wiring (min-max)	6-16 mm ²
Maximum voltage	750 V	Stranded wiring (min-max)	6-25 mm ²
IP protection lid closed	IP66/IP67	Other wiring	on request
IP protection plug connected	IP66/IP67	Keying positions	24
Shock resistance	IK09	Protection mode	de, tb
Ambient temperature	-40 °C to +60 °C	ATEX zones	1 & 2, 21 & 22

TEMPERATURE RATING

Gas temperature classes	T5 for an ambient T° between -40 °C and +40 °C
	T4 for an ambient T° between -40 °C and +60 °C
Dust surface temperature classes	Surface T° ≤ 87 °C for an ambient T° between -40 °C and +40 °C
	Surface T° ≤ 107 °C for an ambient T° between -40 °C and +60 °C
The essential safety requirements of IEC 60309-1	63 A/750 V

SOCKET-OUTLET female DXN6 (63 A)



INLET male DXN6 (63 A)




Each socket outlet or inlet must be associated with a box, a sleeve or a handle.

20-24 V AC	2P	256408A	256808A
220-250 V AC	1P+N+E	2564015	2568015
380-440 V AC	3P+E	2564013	2568013
380-440 V AC	3P+N+E	2564017	2568017
480-500 V AC	3P+E	2564093	2568093
480-500 V AC	3P+N+E	2564097	2568097
550 V AC - Auxiliaries 5 A	+ 2 contacts	Ref. + 972	Ref. + 972







► Other voltages, frequencies and contact configurations are available (see page 10).

MARECHAL ELECTRIC FRANCE

 II 2 G D	Ex de IIC	T* Gb
	Ex tb IIIC	T* Db
*-40 °C ≤ Ta ≤ +60 °C	T4	T107 °C
-40 °C ≤ Ta ≤ +40 °C	T5	T87 °C
IECEX LCI 09.0007/LCIE 05 ATEX 6150		



OPTIONS (DETAILS ON PAGE 216)

	DXN1 size 1	DXN3 size 2	DXN6 size 3
LOCKING PIN FOR 2 PADLOCKS Ø 8 mm (PADLOCKS NOT SUPPLIED)			
	Socket-outlet ref. + 843	Socket-outlet ref. + 843	Socket-outlet ref. + 843
SAFETY HASP FOR UP TO 6 PADLOCKS			
	873A541	873A541	873A541
INLET CAP IP66/IP67			
	251A426	253A426	256A426
IN-LINE CONNECTIONS (A PAIR OF FINGER DRAW PLATES TO AID CLOSING)			
	611A346	613A346	616A346
180° OPENING LID			
	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
180° OPENING & SELF-RETURNING LID			
	Socket-outlet ref. + 18	Socket-outlet ref. + 18	Socket-outlet ref. + 18
COMPATIBLE WITH DSN SOCKET			
	Please contact	Please contact	NA
SELF-EJECTING (see References AND OPTIONS DETAILS PAGE 228)			
			



ACCESSORIES

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

BOXES



DXN1
size 1

DXN3
size 2

DXN6
size 3

WALL BOX POLY WITH EX POLY CABLE GLAND



30°	5-10 mm	251AB5316P		
30°	10-14 mm	251AB53	253AB53	
30°	12-18 mm	251AB5325P	253AB5325P	256AB53

WALL BOX POLY WITHOUT CABLE GLAND



30°	M20	251AB53417	253AB53417	
30°	M25	251AB53418	253AB53418	256AB53418

WALL BOX POLY WITHOUT TERMINAL BLOCKS



120 X 120 mm
FOR DXN1/3

160 X 160 mm
FOR DXN6

70°	10-14 mm	251AB8820P	253AB8820P	256AB8820P
70°	12-18 mm	251AB8825P	253AB8825P	256AB8825P
70°	16-25 mm	251AB8832P	253AB8832P	256AB8832P
70°	22-32 mm			256AB8840P

WALL BOX POLY WITH TERMINAL BLOCKS (IECEX LCIE 16.0042X/LCIE 16 ATEX 3054X)



120 X 120 mm
FOR DXN1/3

160 X 160 mm
FOR DXN6

70°	10-14 mm	251A08820P ⁽¹⁾	253A08820P ⁽²⁾	256A08820P ⁽³⁾
70°	12-18 mm	251A08825P ⁽¹⁾	253A08825P ⁽²⁾	256A08825P ⁽³⁾
70°	16-25 mm			256A08832P ⁽³⁾
70°	22-32 mm			256A08840P ⁽³⁾

- With 2 holes (1 with a cable gland + 1 with a stopping plug), with 8+2E 4 mm² terminals blocks + 2,5 mm² wires, wiring 1 - 4mm².
For alternatives, please contact us.
- With 2 holes (1 with a cable gland + 1 with a stopping plug), with 8+2E 10 mm² terminals blocks + 6 mm² wires, wiring 2.5 - 10mm².
For alternatives, please contact us.
- With 2 holes (1 with a cable gland + 1 with a stopping plug), with 8+2E 16 mm² terminals blocks + 16 mm² wires, wiring 6 - 16mm².
For alternatives, please contact us.

IN THIS CONFIGURATION

-40 °C ≤ Ta ≤ +55 °C T4 T105 °C
-40 °C ≤ Ta ≤ +50 °C T5 T95 °C

LEGEND FOR OPTIONAL ACCESSORIES



Angle



Threading or gland size



EMC option






HT 240° C




Self-ejection

INFO +


SLEEVE		DXN1 size 1	DXN3 size 2	DXN6 size 3
INCLINED POLY SLEEVE				
	30°	251A057	253A027	256A027

	70°	251A757	253A757	256A757
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HANDLE		DXN1 size 1	DXN3 size 2	DXN6 size 3
POLY HANDLE WITH POLY CABLE GLAND				

	10-14 mm	251A753	253A753	256A25320P
	12-18 mm	251A25325P	253A783	256A753
	16-25 mm	251A25332P	253A25332P	256A25332P
	22-32 mm		253A25340P	256A25340P






POLY HANDLE WITH EX GLAND FOR SELF-EJECTION OPTION 				
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	10-14 mm	251A463	253A463	
	12-18 mm	251A44325P	253A44325P	256A463
	16-25 mm		253A44332P	256A44332P
	22-32 mm			256A44340P

STRAIGHT POLY HANDLE WITH METAL CABLE GLAND WITH EARTH CONTINUITY				
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	8-10 mm	251A25320M	253A25320M	256A25320M
	12-14 mm	251A25325M	253A25325M	256A25325M
	18-24 mm	251A25332M	253A25332M	256A25332M

LEGEND FOR OPTIONAL ACCESSORIES

-  Angle
-  Threading or gland size
-  EMC option
-  HT 240° C
-  Self-ejection

INFO +