

BM MODULAR BOXES

- ▶ ASSEMBLY FROM 1 TO 8 MODULES
- ▶ IP66/IP67 SEALING
- ▶ 1 OR 2 CABLE GLANDS PER SIDE
- ▶ RANGE OF PROTECTION LEVELS AVAILABLE

BM : the benefits of modularity

The BM family of enclosures accepts PN plugs and sockets, DS and DSN deconnectors.

It offers differently sized boxes which can all be fitted with terminal blocks, domestic socket-outlets, inspection windows (for easy access to fuses and circuit breakers) etc. A coupling kit can join 2 boxes with each other.

MAIN FEATURES

	BM
Material	Impact-resistant thermoplastic (IK08)
Fastenings	Captive stainless steel screws
Protection mode	IP66/IP67
Rated current	From 16 to 63 A
Wiring	2 x 1,5 mm ² to 5 x 35 mm ²
Wall box dimensions (HxWxD) in mm	170 x 170 x 118 (80 without lid)
Assembly	1 ou 2 cable gland per side



Wall boxes can be used alone mounting accessories to PN, DS or DSN socket-outlets and inlets to form a wall mounting socket or a wall mounting appliance inlet. These solutions are described in the PN, and DSN pages.

BOXES FITTED WITH SOCKET-OUTLETS AND PLUGS

Inclined box - 1 socket-outlet

Inclined box made of thermoplastic material (IP66/67 - IK 08), with a flat lid, including:

- A MARECHAL® socket from 16 to 63 A, polarities from 2P to 3P+N+E, voltages from 24 V to 690 V: PN / DSN1 (16 A) - DS1 (30 A) - DSN3 (32 A) - DS3 (50 A) - DSN6 (63 A)
- The box is not drilled (drilled at extra cost).
- Entries from M16 to M40.
- Earth-leakage circuit breaker protection as standard. Other types of protection (earthleakage switch, fuses etc) available on request.

Inclined box with an inspection window - 1 socket-outlet

Inclined box made of thermoplastic material (IP66/IP67 - IK 08), with an inspection window, including:

- A MARECHAL® socket from 16 to 63 A, polarities from 2P to 3P+N+E, voltages from 24 V to 690 V: PN / DSN1 (16 A) - DS1 (30 A) - DSN3 (32 A) - DS3 (50 A) - DSN6 (63 A)
- The box is not drilled (drilled at extra cost).
- Entries from M16 to M40.
- Earth-leakage circuit breaker protection as standard. Other types of protection (earthleakage switch, fuses etc) available on request.



BASIC ELEMENTS

Wall box



Products	Entries	Dimensions*	Earth terminal	Part no.
PN or DSN1	for 2 from M16 to M32 per side	127 x 127 x 172	With	51AA058
DS1 or DSN3	for 2 from M16 to M32 per side	127 x 127 x 172	With	51BA058
DS3 or DSN6	for 2 from M16 to M40 per side	170 x 170 x 201	With	51CA058
DS6	for 2 from M16 to M40 per side	170 x 170 x 201	With	51DA058

Boxes are not drilled (drilled at extra cost).
* H x W x D

Box for terminal blocks + flat lid



Dimensions*	Part no.
170 x 170 x 118	509ACP2

Boxes for terminal blocks include a DIN rail and an earth terminal.
The box accommodates a 130-mm wide terminal box and can be equipped with a domestic socket-outlet (part no. 509AD40).
* H x W x D

Box with inspection window



Dimensions*	Part no.
170 x 170 x 118	509ACF2

The box is designed for 1 to 8 module assemblies.
* H x W x D

Coupling units (batch of 2)



Inside diameter	Part no.
26 mm	509AML1

These coupling units are used to connect 2 boxes together (vertically).

INFO +

These boxes are available with other circuit-breakers, fuses, decontactors and plug and sockets. Please contact us to communicate your needs..

To order plugs associated to the sockets mounted on the boxes, please see pages related to DSN1, DSN3, DSN6, DS1, DS3 and PN.