

## ■ DISTRIBUTION ASSEMBLIES - IP66



## ■ REFERENCE STANDARDS

**EN 60670-1**  
Boxes and enclosure for electrical accessories for household and similar fixed electrical installation.  
*Part 1: general requirements.*

**EN 60439-1**  
Low-voltage switchgear and control-gear assemblies (BT panels).  
*Part 1: requirements for type-tested and partially type-tested assemblies.*

**EN 60439-4**  
Low-voltage switchgear and control-gear assemblies (BT panels).  
*Part 4: particular requirements for assemblies for construction sites.*

## ■ VERSIONS

**MBOX2**

- Portable
- Wall installation
- Trestle installation
- Turret installation
- Pole fastening

**MBOX3**

- Portable
- Wall installation
- Trestle installation
- Pole fastening

**MBOX5**

- Wall installation
- Trestle installation
- Pole fastening
- Portable with two folding handles

## ■ QUALITY MARKS



## ■ TECHNICAL CHARACTERISTICS COMMON TO THE ENTIRE PRODUCT LINE

Protection degree:	<b>IP66-IP65 (version with emergency button)</b>
Operating temperature according to the reference standard:	<b>-25°C +40°C</b>
Max. operating temperature:	<b>60°C</b>
Glow Wire test:	<b>650°C</b>
IK degree at 20°C:	<b>IK08-IK09</b>
Material:	<b>Engineering plastic</b>
Total insulation $\square$ :	<b>Yes</b>
Dissipable power according to CEI 23-49 standard:	-

The Logotype featuring SCAME MBOX2 series.



**"REGISTERED DESIGN"**

## ■ BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Limited Resistance	Resistant

## ■ MBOX2 TECHNICAL CHARACTERISTICS

Dimensions: **432x365x290 mm**  
 Power supply: **With 16mm<sup>2</sup> terminal box (5 poles) or with mobile (16/32A)**  
 Cable length: **2m**  
 Cable entry: **M32 or M25 break-through input and cable for power supply and M16 break-through for earthing cable**

- Possibility to install up to 4 interlocked OMNIA Series 16/32A socket with or without fuses or up to 6 flush mounting EUREKA Series 16/32A sockets
- Possibility to install the panel on turret or trestle
- Possibility to install the emergency push button
- Fuse-testing device housed in the switchboard compartment (only in the versions with fuses)
- Possibility to house three spare fuses

- Switchboard for 16 DIN modules (2 rows of 8 modules) with tinted door and YALE key or triangular lock.

## ■ MBOX3 TECHNICAL CHARACTERISTICS

Dimensions: **465x380x520mm**  
 Average weight: **15 Kg**  
 Power supply: **Cable input through hole for M40 cable gland.**

- M8 brass pin for earthing connection.
- 16 mm<sup>2</sup> power supply terminal box (5 poles) for currents up to 32A and 35 mm<sup>2</sup> terminal box (5 poles) for currents up to 125A.
- Possibility to equip the panel with a 63A or 125A fixed plug.
- Switchboard for 39 DIN modules (3 rows of 13 modules) with tinted door and YALE key or triangular lock.

- Possibility to install up to 6 interlocked OMNIA Series 16/32A sockets with or without fuses or up to 9 flush mounting EUREKA Series 16/32A sockets.
- In the version without door it is possible to install up to 4 interlocked OMNIA Series 16/32A sockets and an interlocked OMNIA Series 63A socket.
- Fuse-testing device inserted in the switchboard compartment
- Possibility to install the emergency push button or a disconnector with functional control and emergency functions.

## ■ MBOX5 TECHNICAL CHARACTERISTICS

Dimensions: **775x400x670mm**  
 Average weight: **27 Kg**  
 Power supply: **Cable input through hole for M40 cable gland.**

- M8 brass pin for earthing connection
- 16 mm<sup>2</sup> power supply terminal box (5 poles) for currents up to 32A and 35 mm<sup>2</sup> terminal box (5 poles) for currents up to 125A
- Possibility of 70 mm<sup>2</sup> input/output terminal box (5 poles).
- Possibility to equip the panel with a 63A or 125A fixed plug.
- Switchboard for 52 DIN modules (4 rows of 13 modules) with tinted door and YALE key or triangular lock.

- Possibility to install up to 12 interlocked OMNIA Series sockets and 4 interlocked ADVANCE2 Series compact or large 16/32/63A sockets.
- Output terminal box: it is possible to install the OMNIA Series containers n. 572.0321 and n. 572.0322 respectively for terminal box output with or without protection (6 DIN modules).
- Fuse-testing device inserted in the switchboard compartment.
- Possibility to house five spare fuses.
- Possibility to install the emergency push button or a disconnector with functional control and emergency functions.

## ■ APPLICATION EXAMPLES



**MBOX NIGHT & DAY**

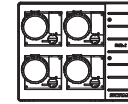


## NIGHT & DAY

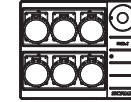
MBOX turns on a new era with a box that is even more functional and complete. The addition of an automatic device (LED with extremely low consumption hooked up to a sensor) ensures proper lighting of the compartment containing outlets and switch gear and protection devices when the outdoor light intensity diminishes. This allows the product to be identified and used under conditions of poor lighting: ideal for the worksite, MBOX is also perfect for campsites and parking areas.

Extremely compact and totally safe, MBOX features an innovative design and it is made in collision-proof and self-extinguishing technopolymer, to withstand collisions and atmospheric agents. In compliance with the highest safety standards, the MBOX series includes a complete product range and comes in many customized versions, with fast delivery.

### MBOX2

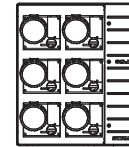


Version with 4 interlocked OMNIA Series sockets with fuses without emergency push button.

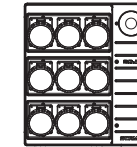


Version with 6 EUREKA Series flush mounting industrial sockets and emergency push button.

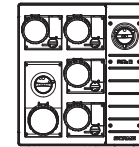
### MBOX3



Version with 6 interlocked OMNIA Series sockets with fuses without emergency push button.

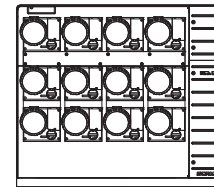


Version with 9 EUREKA Series flush mounting industrial sockets and emergency push button.

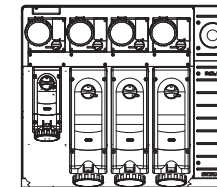


Version with 4 interlocked OMNIA Series 16/32A sockets with fuses and 1 interlocked OMNIA Series 64A socket and disconnect.

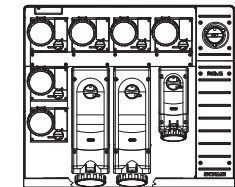
### MBOX5



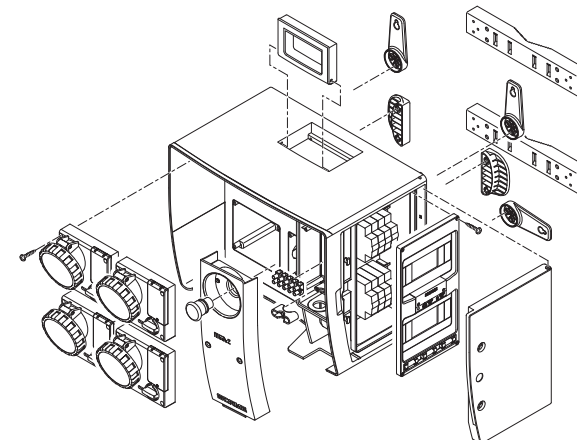
Version with 12 interlocked OMNIA Series sockets with fuses without emergency push button.



Version with 4 interlocked OMNIA Series sockets with fuses and 4 interlocked ADVANCE2 Series LARGE sockets and emergency push button.

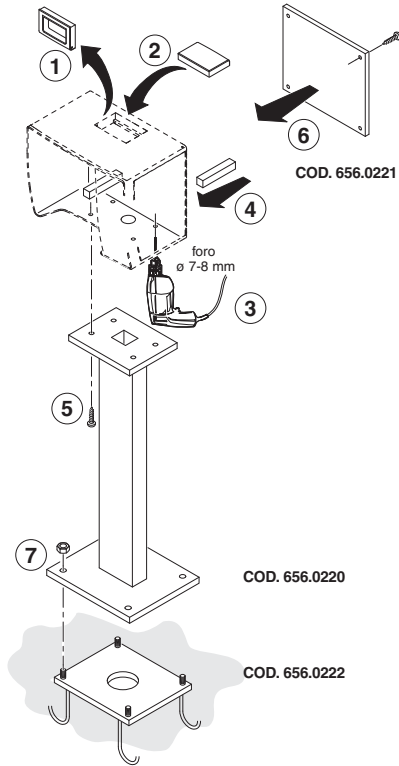


Version with 6 interlocked OMNIA Series sockets with fuses and 3 interlocked ADVANCE2 Series COMPACT and LARGE sockets with disconnect.



DIMENSIONS

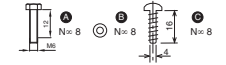
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ELEVATED INSTALLATION



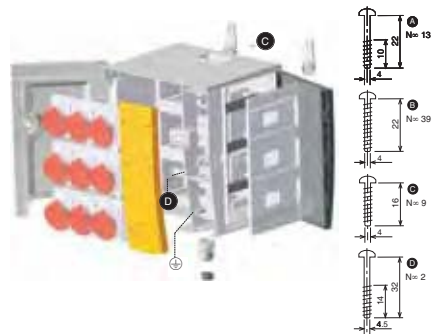
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SUPPORT - MBOX3



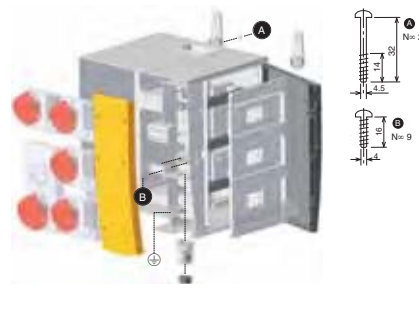
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SUPPORT - MBOX5



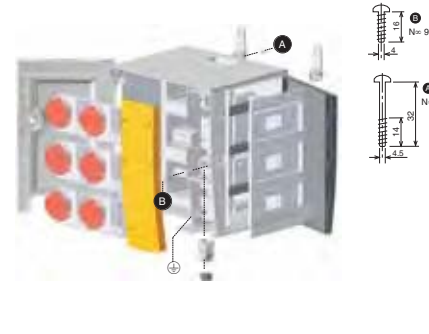
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9 EUREKA



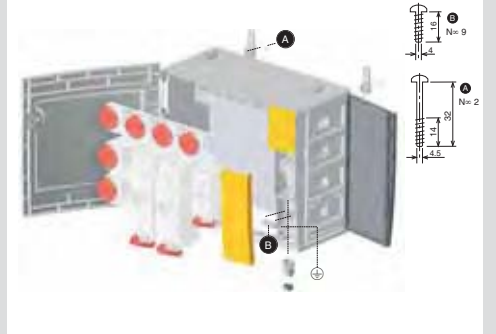
COD. 657.0035-000  
4+1 (63A) OMNIA



COD. 657.0036-000  
6 OMNIA



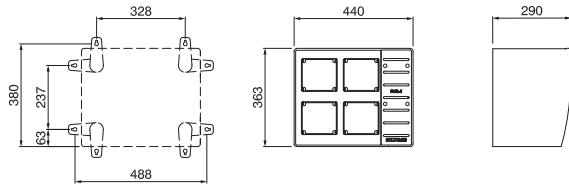
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WITH DOOR



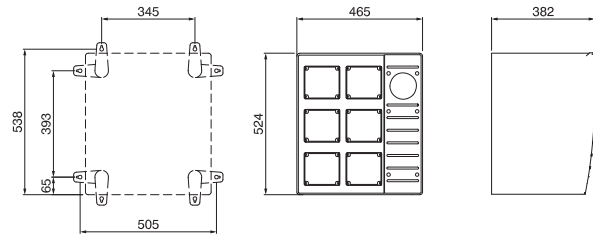
■ DIMENSIONS

CATALOGUE SECTION: 2.1

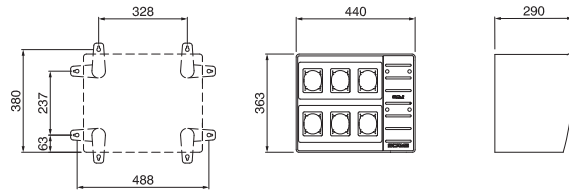
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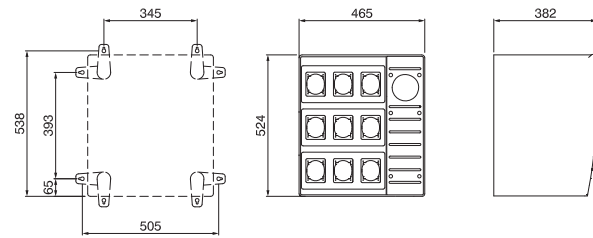
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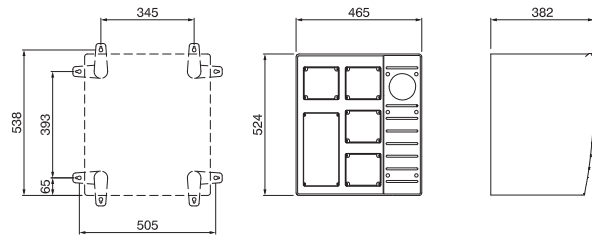
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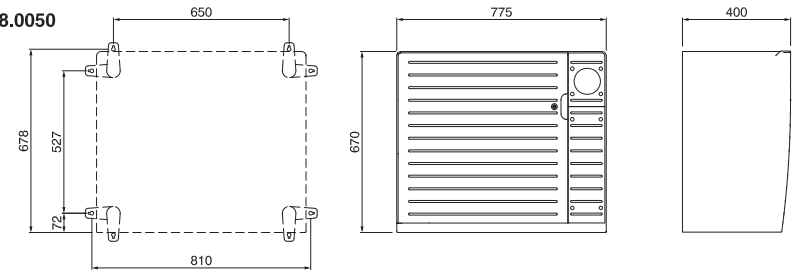
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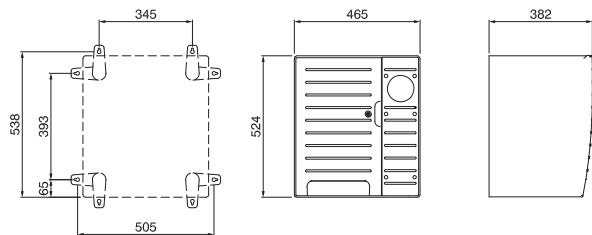
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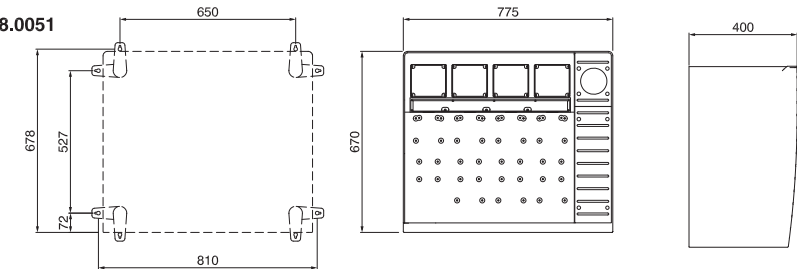
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**COD. 657.0036**



**COD. 658.0051**



(Dimensions in mm)

(Dimensions in mm)