MBOX Series

SCAME INFOTECH

> DISTRIBUTION ASSEMBLIES

> 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

> REFERENCE STANDARDS

EN 60670-1
Boxes and enclosure for alectrical accessories for household and similar fixed alectrical installation
Part 1: rigeneral equirements

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.

> QUALITY MARKS

> TECHNICAL CHARACTERISTICS COMMON TO THE ENTIRE PRODUCT LINE

Protection degree:	**IP66** **IP65 (version with emergency button)**
Operating temperature according to the reference standard:	**-25°C + 40°C**
Max. operating temperature:	**60°C**
Glow Wire test:	**650°C**
Material:	**Engineering plastic**
Total insulation ⧈:	**Yes**
Dissipaple 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**
Average weight: **15 Kg**
Power supply: **With 16mm² terminal box (5 poles) or with mobile (16/32A)**
Cable lenght: **2m**
Cable entry: **M32 or M25 break-throught input and cable for power supply and M16 break-through for earthing cable**

- Switchboard for 16 DIN modules (2 rows of 8 modules) with tinted door and YALE key or triangular lock
- 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 swithcboard compartment (only in the versions with fuses)
- Possibility to house three spare fuses
- Versions with light available on request.

> MBOX3 TECHNICAL CHARACTERISTICS

Dimensions: **465x380x520 mm**
Average weight: **15 Kg**
Power supply: **cable input through hole for M40 cable gland**
- M8 brass pin for earthing connection
- 16 mm² power supply terminal box (5 poles) for currents up to 32A and 35 mm² 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
- With light

> MBOX5 TECHNICAL CHARACTERISTICS

Dimensions: **775x400x670 mm**
Average weight: **27 Kg**
Power supply: **Power supply cable input through hole for M40 cable gland**
M8 brass pin for earthing connection
16 mm² power supply terminal box (5 poles) for currents up to 32A and 35 mm² terminal box (5 poles) for currents up to 125A

- Possibility of 70 mm² 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
- Possiblity to house five spare fuses
- Possibility to install the emergency push button or a disconnector with functional control and emergency functions
- With light

> APPLICATION EXAMPLES

SCAME INFOTECH

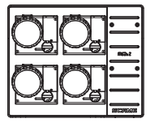
Night & day

Mbox Series by Scame ushers in a new era.

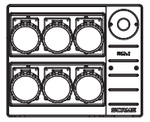
MBOX ushers in a new era with a panel that is now even more functional and complete. The special automatic device, an ultra-low consumption LED connected to a photosensor, guarantees illumination of the compartments containing the sockets, safety devices and controls when the outdoor lighting drops. This allows the identification and use of the product even under poor lighting conditions: ideal for work sites, MBOX is also perfect for campsites and parking lots. Extremely compact and completely safe, MBOX is innovatively designed and made of impact-resistant, flame-retardant engineering polymer in order to withstand any knocks and bumps as well as the atmospheric agents. In line with the highest safety standards, the MBOX Series includes a complete range of products and is also available in several customized versions with quick delivery.

MBOX Series: truly enlightening.

MBOX2

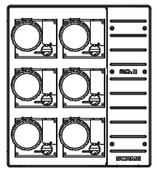


Version with 4 interlocked OMNIA Series sockets with fuses without emergency push button

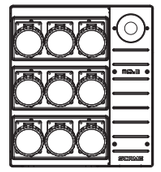


Version with 6 EUREKA Series flush mounting industrial sockets and emergency push button

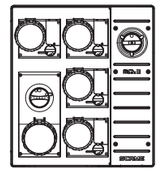
MBOX3



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

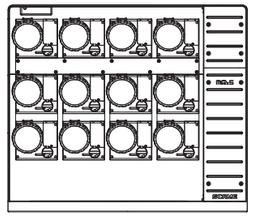


Version with 9 EUREKA Series flush mounting industrial sockets and emergency push button

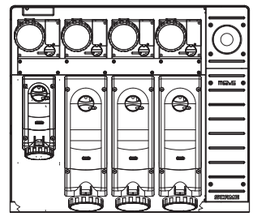


Version with 4 interlocked OMNIA Series 16/32A sockets with fuses and 1 interlocked OMNIA Series 64A socket and disconnector

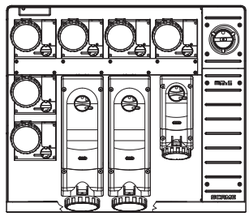
MBOX5



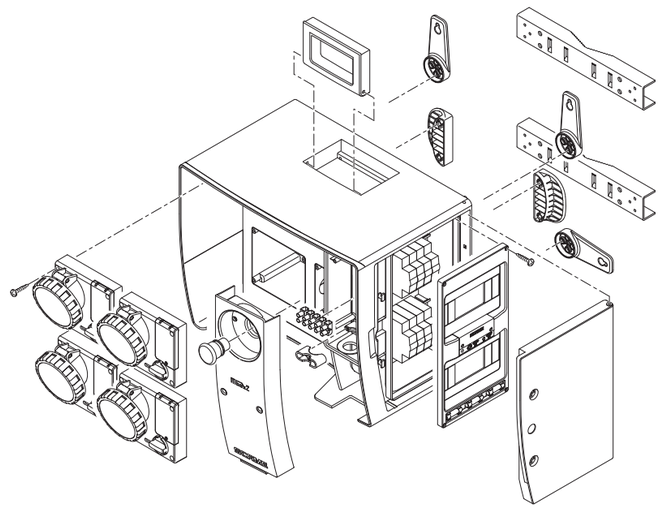
Version with 12 interlocked OMNIA Series sockets with fuses without emergency push button



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 disconnector



> DIMENSIONS

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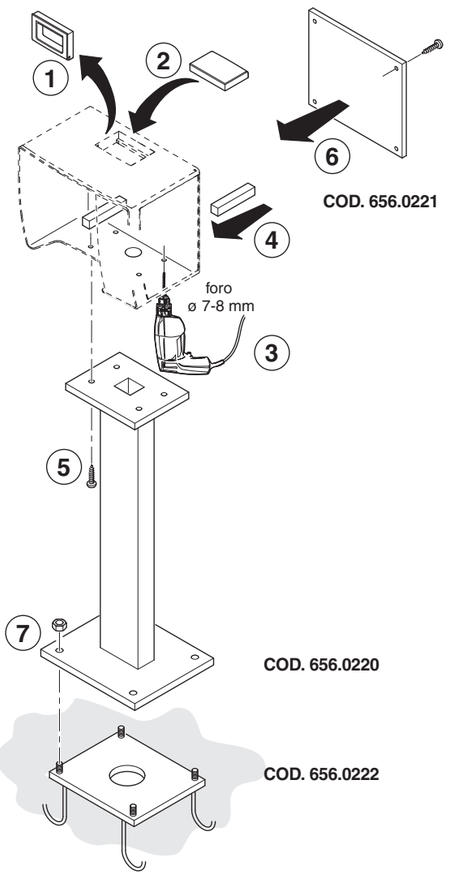
ELEVATED INSTALLATION



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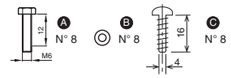
SUPPORT - MBOX3



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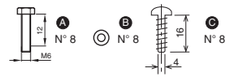
SUPPORT - MBOX5



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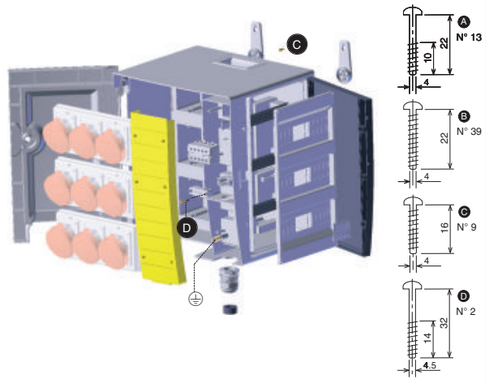
9 EUREKA



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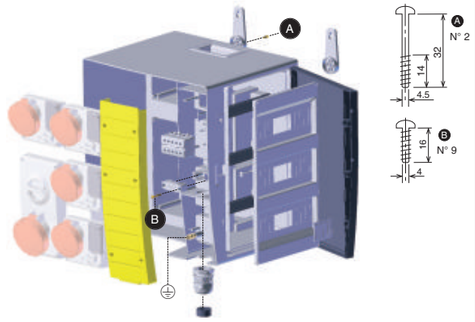
4+1 (63A) OMNIA



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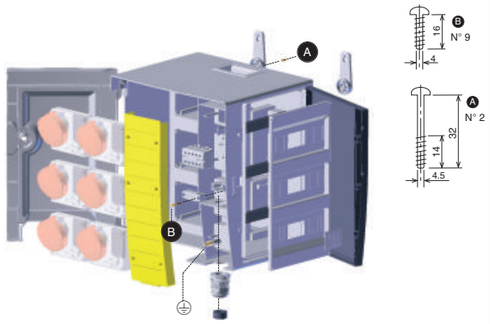
6 OMNIA



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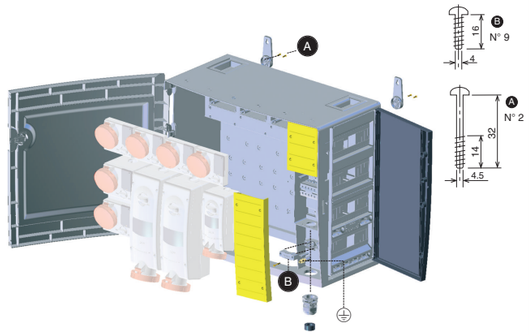
WITH DOOR



SCAME INFOTECH

> DIMENSIONS

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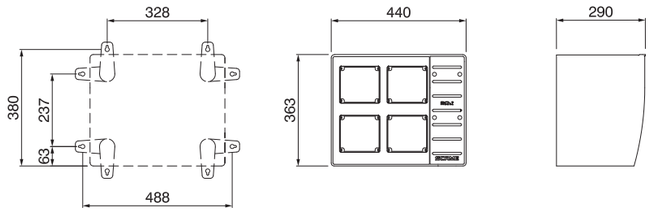

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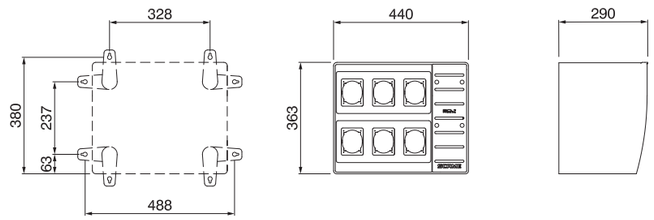

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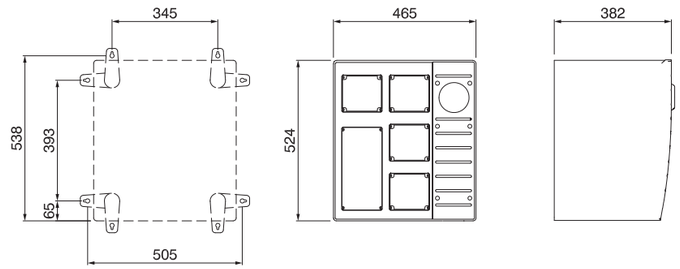

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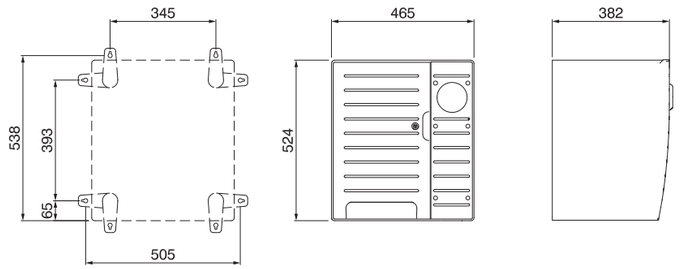

(Dimensioni in mm)

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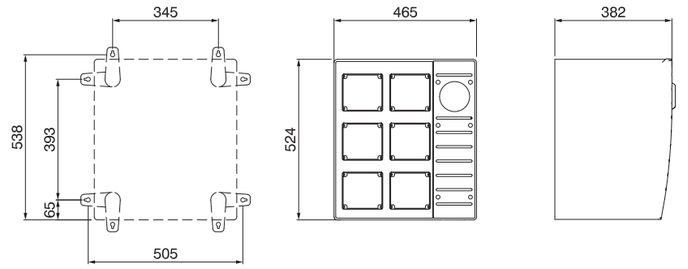

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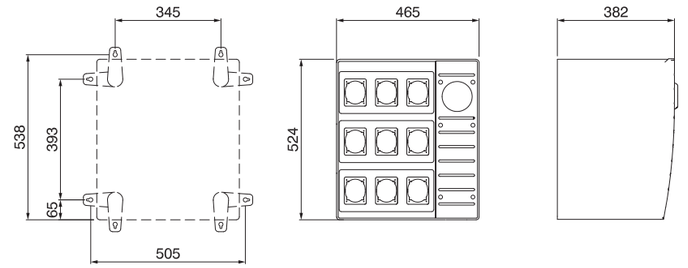

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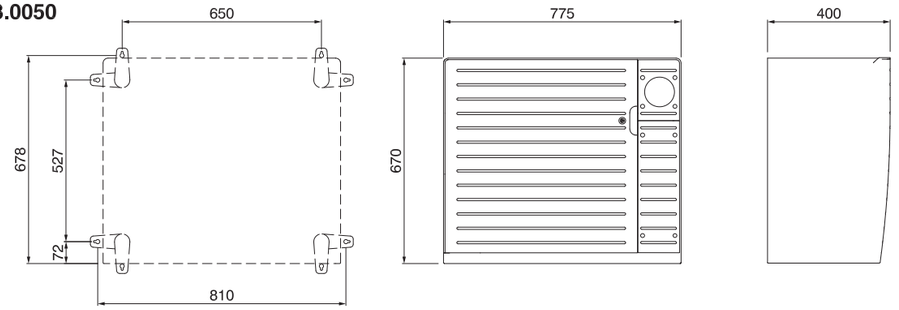

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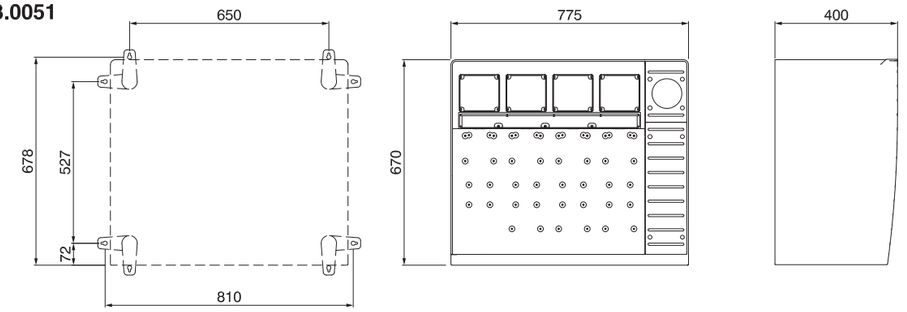

(Dimensioni in mm)