

DISTRIBUTION ASSEMBLIES - IP66



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 electrical accessories for household and similar fixed electrical installation.

Part 1: rgeneral 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
IK degree at 20°C:	IK08-IK09
Material:	Engineering plastic
Total insulation	Yes
Dissipable power according to CEI 23-49 standard:	-

MBOX2 TECHNICAL CHARACTERISTICS

Dimensions: **432x365x290 mm**

Power supply: **With 16mm² terminal box (5 poles) or with mobile (16/32A)**

Cable lenght: **2m**

Cable entry: **M32 or M25 break-through 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

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 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 disconnecter 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 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.
- Possibility to house five spare fuses.
- Possibility to install the emergency push button or a disconnecter with functional control and emergency functions.



BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

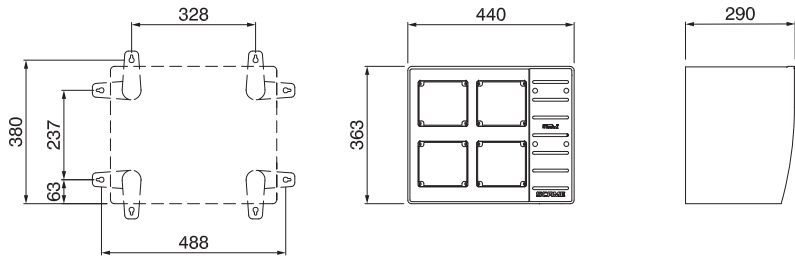
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	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Limited Resistance	Resistant

DIMENSIONS

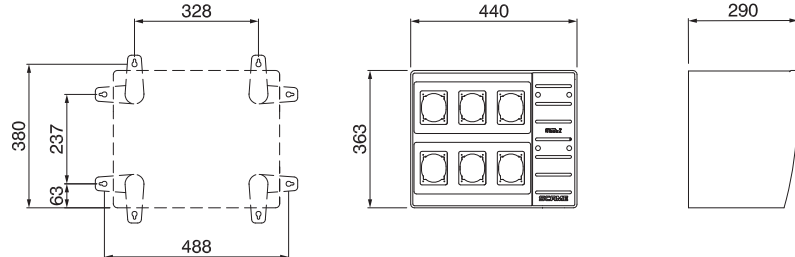
1
2
3
ASSEMBLIES



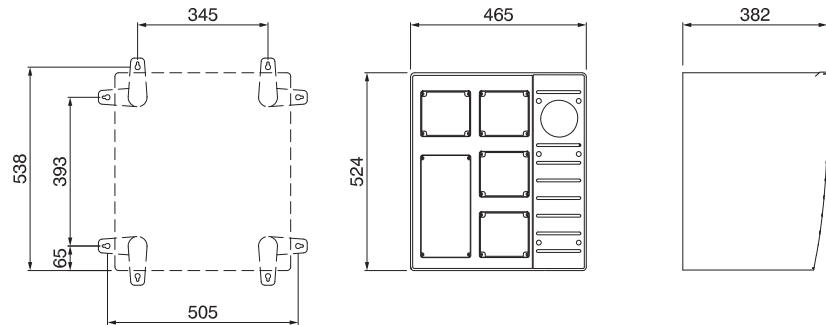
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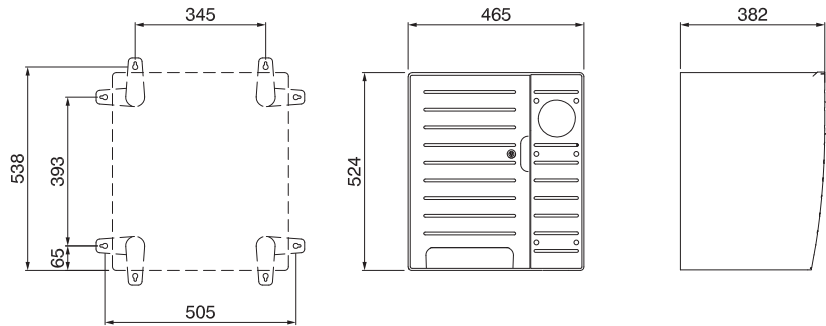
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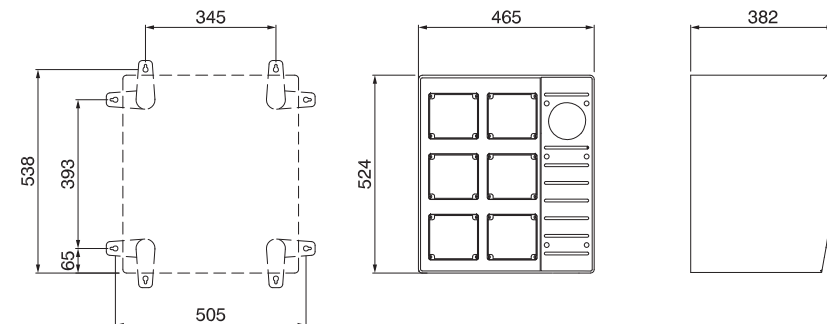
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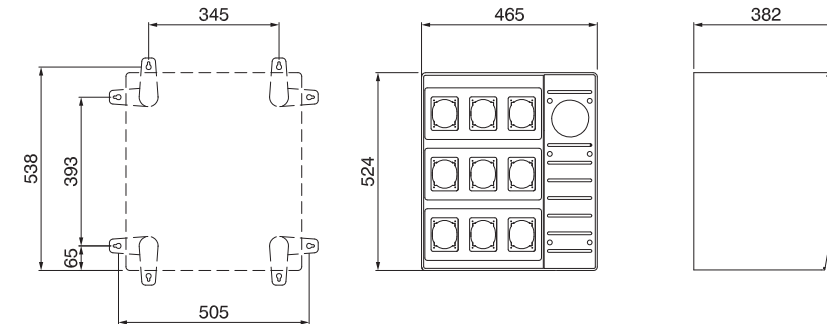
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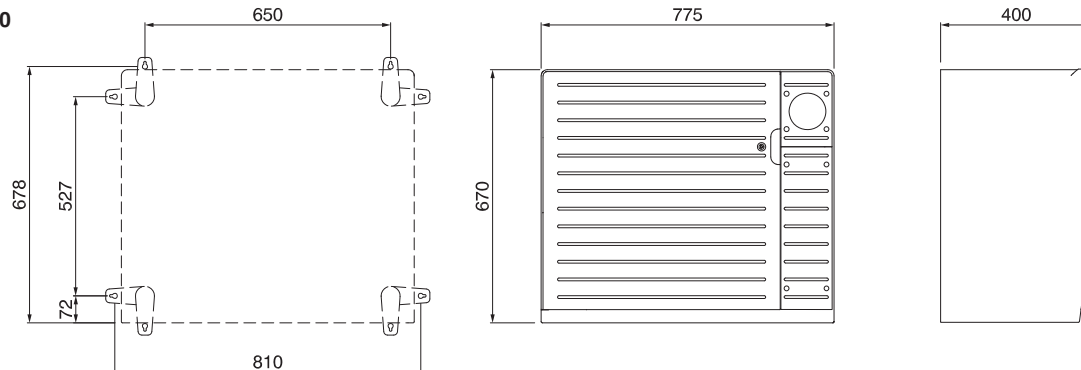
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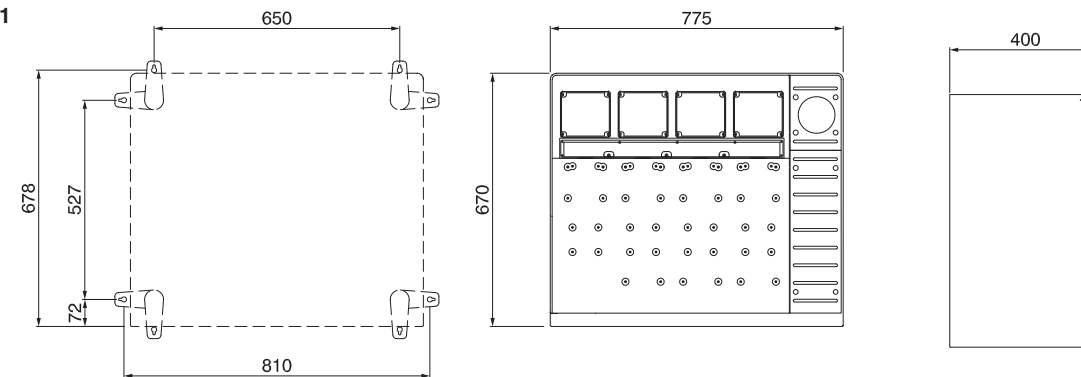
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COD. 658.0050



COD. 658.0051



MBOX System - IP66
 empty distribution assemblies

EMPY DISTRIBUTION ASSEMBLIES FLANGE 70x87

EMPY DISTRIBUTION ASSEMBLIES FLANGE 136x125

1
 2
 3
 ASSEMBLIES



Type	Housing	Power	With door	With light	Dissipated power (*)			WITH EMERGENCY PUSH BUTTON
MBOX2	6 sockets	16-32A	NO	YES	29W	1	656.0026-000	656.0926-000



Type	Housing	Power	With door	With light	Dissipated power (*)		BLANK PLATE	WITH EMERGENCY PUSH BUTTON
MBOX3	9 sockets	16-32A	YES	YES	-	1	657.0038-000	657.0938-000



(*) According to CEI 23-49 italian standard.



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.



Flush mounting plugs and sockets
 From page 22



Sochets for domestic applications
 From page 25



Switched socket outlets with interlock
 From page 31



Interlocked socket for domestic use
 From page 27

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You will quickly find an assemblies already assembled,
 certified and ready to use.



MBOX System - IP66
 distribution assemblies

INDUSTRIAL SOCKETS

		OUTPUT UNIT													POWER SUPPLY					
		INDUSTRIAL SOCKETS								OUTPUT PROTECTION					INPUT PROTECTION					
N° Sockets	Type	16A				32A				63A		MCB					RCD	Main switch		Power
											16A				32A	30mA	SW DISC.	MCB	MAX kW (▲)	
		2P	2P+E	3P+E	3P+N+E	2P+E	3P+E	3P+N+E	3P+E	3P+N+E	1P	2P	3P	4P	3P					
6	MBOX2		6									6				40		32	18	
			4	2								3	1			40		32	18	
9	MBOX3		9								9					63		63	35	
			5	2	2						5		2			63		63	35	
			3	2	2		1	1			3		2		2	63		63	35	

		INPUT UNIT					
		WITH TERMINAL BLOCK			WITH PLUG		
With door	Polarity	IP66	and emergency push button-IP65	Plug		IP66	and emergency push button-IP65
				Polarity	A		
	3P+N+E	656.7026-639	656.7926-639	3P+N+E	32	656.7126-639	656.7826-639
	3P+N+E	656.7026-640	656.7926-640	3P+N+E	32	656.7126-640	656.7826-640
x				3P+N+E	63		657.8839-825
x				3P+N+E	63		657.8839-826
x				3P+N+E	63		657.8839-827



MBOX2 Series



MBOX3 Series

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www.scame.com/CombiFinder.asp
You will quickly find an assemblies already assembled,
certified and ready to use.



Note

This is just a small selection of our full range.
Please contact your SCAME dealer for
specific versions.

Distribution ACS

- The protection at the sockets is realized for the most part with MCB switches.
- Available sockets: EUREKA Series.

- The version with terminal block are supplied with wall bracket kit.
- The version with cable and plug are supplied with a cable support kit.
- Versions with "Type A" RCD switch are also available on request.

MCB = Miniature circuit breaker.
SW DISC. = Switch-disconnector.
RCD = Residual current device.
(▲) Power drawable when not in continuous service.

Night & Day
Standard on all version MBOX3 and MBOX5.
On request on MBOX2 versions.

