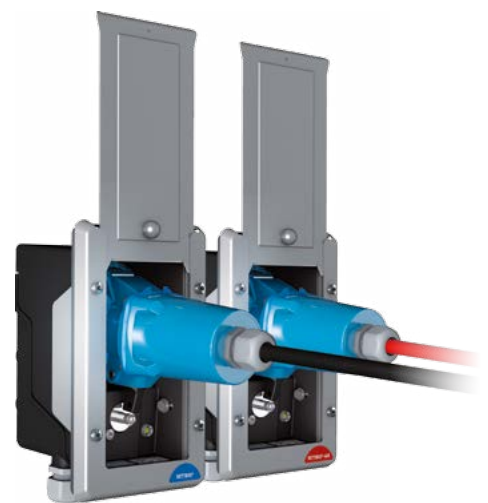




# RETTBOX® ONE RETTBOX® ONE AIR

RELIABLE, DURABLE, ELECTRIC  
AND COMPRESSED AIR SUPPLY FOR  
EMERGENCY VEHICLES

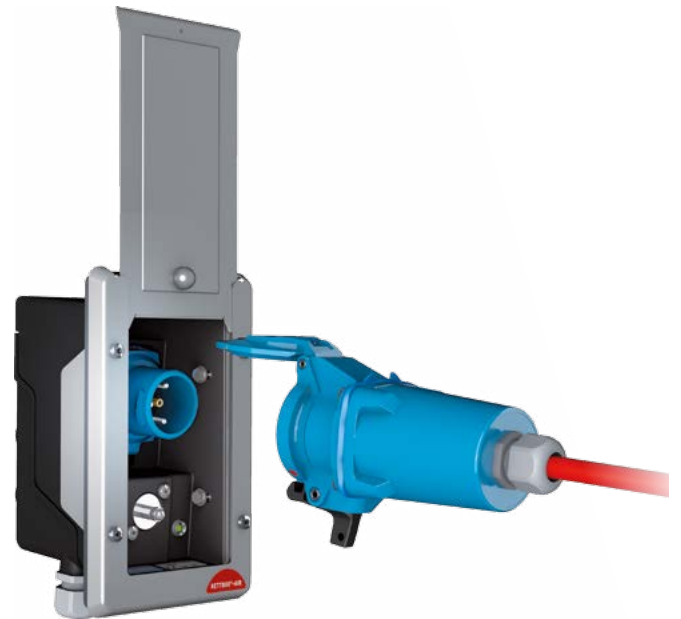




# ELECTROMAGNETIC SELF-EJECT DECONTACTOR™

20 A/32 A

- For all types of emergency vehicles
- DECONTACTOR™ for power supply with secure/ automatic ejection RETTBOX® ONE or power supply with compressed air RETTBOX® ONE AIR
- AISI 316 L stainless steel housing with electromagnetic coil (12 V DC-24 V DC)
- Automatic ejection of the coupler socket upon start-up of the vehicle
- 5 pin connector for Anti-start function
- Voltage presence indicator
- RETTBOX® ONE AIR : Compressed air supply up to 13 bar
- More than 10,000 matings tested (20 A)



## RETTBOX® ONE

Power supply unit with an automatic ejection mechanism activated upon start-up of the vehicle. After ejection, both the plug and the socket are automatically IP55 protected. The contacts of the plug and socket are silver-nickel butt contacts.

## RETTBOX® ONE AIR

All-in-one power and compressed air supply unit with an automatic ejection mechanism activated upon start-up of the vehicle. After ejection, both the plug and the socket are automatically IP55 protected. The contacts of the plug and socket are silver-nickel butt contacts.

FIND ALL INFORMATION  
ON OUR WEBSITE:



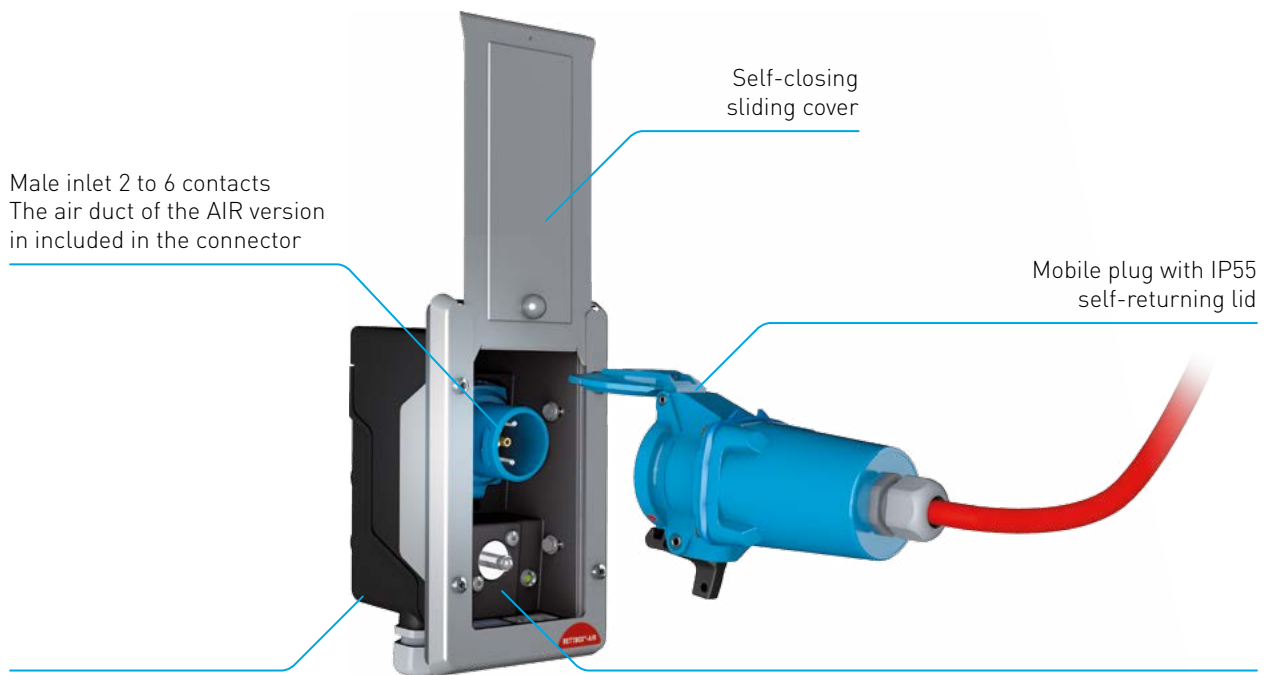
CHECK OUR RETTBOX® ONE  
USER GUIDE,  
TUTORIAL INSTALLATION  
VIDEO,  
AND OUR INSTRUCTION  
SHEET.



## MAIN FEATURES

	RETTBOX® ONE 20 A	RETTBOX® ONE AIR 20 A	RETTBOX® ONE 32 A	RETTBOX® ONE AIR 32 A
<b>Front</b>	stainless steel	stainless steel	stainless steel	stainless steel
<b>Box</b>	glassfiber reinforced polyamide	glassfiber reinforced polyamide	stainless steel	stainless steel
<b>Protection mode (trapdoor closed)</b>	IP55	IP55	IP55	IP55
<b>Self-closing coupler socket</b>	IP55	IP55	IP55	IP55
<b>Front dimensions (LxH) in mm</b>	114 x 184	114 x 184	132 x 188	132 x 188
<b>Cut-out dimensions on vehicle's frame (LxHxP) in mm</b>	83 x 163 x 94	83 x 163 x 94	103 x 173 x 145	103 x 173 x 145
<b>Coupler socket cable supplied</b>	4 m	4 m*	4 m	4 m*
<b>Auxiliary contacts (optional)</b>	2 aux	no	3 aux	3 aux
<b>Weight (excluding coupler socket)</b>	1 200 g	1 200 g	3 200 g	3 200 g
<b>Built-in decontactor</b>	20 A	20 A	32 A	32 A
<b>Compressed air duct</b>	no	up to 13 bars	no	up to 13 bars
<b>Cable</b>	flexible	flexible	flexible	flexible

\* with duct for compressed air



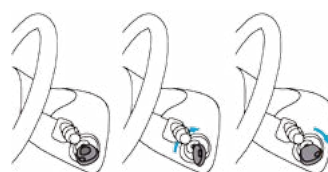
RETTBOX® ONE 20 A: casing in GRP  
RETTBOX® ONE 32 A: stainless steel AISI316L

Electric solenoid 12/24 V providing automatic ejection when the engine is started

## INFOS +

### ENSURE SPEED AND SAFETY

- 1 Loading box connected to the electrical system of the vehicle.
- 2 Automatic ejection of the coupler socket upon start-up of the vehicle by way of an electric solenoid.
- 3 Protection against water and dust by means of a self-closing cover.



Switched off  
= charge

Starting  
= ejection



1

2

3

= protection

440 V  
U MAXI

# RETTBOX® ONE/RETTBOX® ONE AIR

## ELECTROMAGNETIC SELF-EJECTION

# 20A



IP55



1,5 - 6 mm<sup>2</sup> (1)



GRP  
STAINLESS  
STEEL



IK08  
IK10



- 40 °C  
+ 60 °C



3 AUX

### INFOS +

#### LED CONTROL LIGHT

RETTBOX® ONE and RETTBOX® ONE AIR (20 A, 230 V) features a LED signal light that indicates the presence of charging voltage.



(1) Flexible wiring (min.-max.)

#### RETTBOX® ONE (20 A)



**ENCLOSURE WITH INLET**  
supplied with 4 m cable (2)



**COUPLER SOCKET**  
pre-wired, cable 4 m  
included (2)

220 - 250 V AC	1P+N+E	With 12 V relay and male inlet	6116015RK412U	6113015RK4L
220 - 250 V AC	1P+N+E	With 24 V relay and male inlet	6116015RK424U	6113015RK4L
220 - 250 V AC	1P+N+E+2 aux.	With 12 V relay and male inlet	6116175RK412U	6113175RK4L
220 - 250 V AC	1P+N+E+2 aux.	With 24 V relay and male inlet	6116175RK424U	6113175RK4L
24 V DC	2P DC*	With 24 V relay and male inlet	6116089RK424U	6113089RK4L
12 V DC	2P DC*	With 12 V relay and male inlet	6116059RK412U	6113059RK4L

\*LED not available for these configurations.

(2) All versions are available in 4, 8 and 12 m, contact us for the references.

#### RETTBOX® ONE AIR (20 A)



**ENCLOSURE WITH INLET**  
supplied with 4 m cable -  
compressed air conduct up to 13 bars(2)



**COUPLER SOCKET**  
pre-wired, cable 4 m  
included (2)

220 - 250 V AC	1P+N+E	With 12 V relay and male inlet	6116015AK412U	6113015AK4L
220 - 250 V AC	1P+N+E	With 24 V relay and male inlet	6116015AK424U	6113015AK4L
220 - 250 V AC	1P+N+E+1 aux.	With 12 V relay and male inlet	6116215AK412U	6113215AK4L
220 - 250 V AC	1P+N+E+1 aux.	With 24 V relay and male inlet	6116215AK424U	6113215AK4L
24 V DC	2P DC*	With 24 V relay and male inlet	6116089AK424U	6113089AK4L
24 V DC	2P+2 aux. DC*	With 24 V relay and male inlet	6116159AK424U	6113159AK4L
12 V DC	2P DC*	With 12 V relay and male inlet	6116059AK412U	6113059AK4L

Cable only (per metre): 611AKOM

\*LED not available for these configurations.

(2) All versions are available in 4, 8 and 12 m, contact us for the references.

440 V  
U MAXI

# RETTBOX® ONE/RETTBOX® ONE AIR

## ELECTROMAGNETIC SELF-EJECTION

# 32A



IP55



1,5 - 6 mm<sup>2</sup> (1)



GRP  
STAINLESS  
STEEL



IK08  
IK10



- 40°C  
+ 60°C



3 AUX

### OPTIONS

Reference

#### LEATHER PULL-GRIP (COUPLER SOCKET)



611AZIE

#### CEILING BRACKET MADE OF STAINLESS STEEL



RETTBOX® ONE AIR 20A

611AHUTAAA L

RETTBOX® ONE AIR 32A

381AHUTAAA L

RETTBOX® ONE 20A

611AHUTRRR L

(1) Flexible wiring (min.-max.)

### RETTBOX® ONE 32 A



**ENCLOSURE WITH INLET**  
supplied with 4 m cable (2)



**COUPLER SOCKET**  
pre-wired, cable 4 m  
included (2)

380 - 440 V AC

3P+N+E+1 aux. With 24 V relay and male inlet

3816247RK424U

3813247RK4L

(2) All versions are available in 4, 8 and 12 m, contact us for the references.



**ENCLOSURE WITH INLET**  
supplied with 4 m cable -  
compressed air conduct up to 13 bars (2)



**COUPLER SOCKET**  
pre-wired, cable 4 m  
included (2)

### RETTBOX® ONE AIR 32 A

380 - 440 V AC

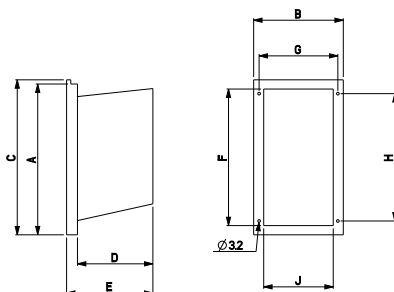
3P+N+E+1 aux. With 24 V relay and male inlet

3816247AK424U

3813247AK4L

Cable only (per metre): 381AKOM

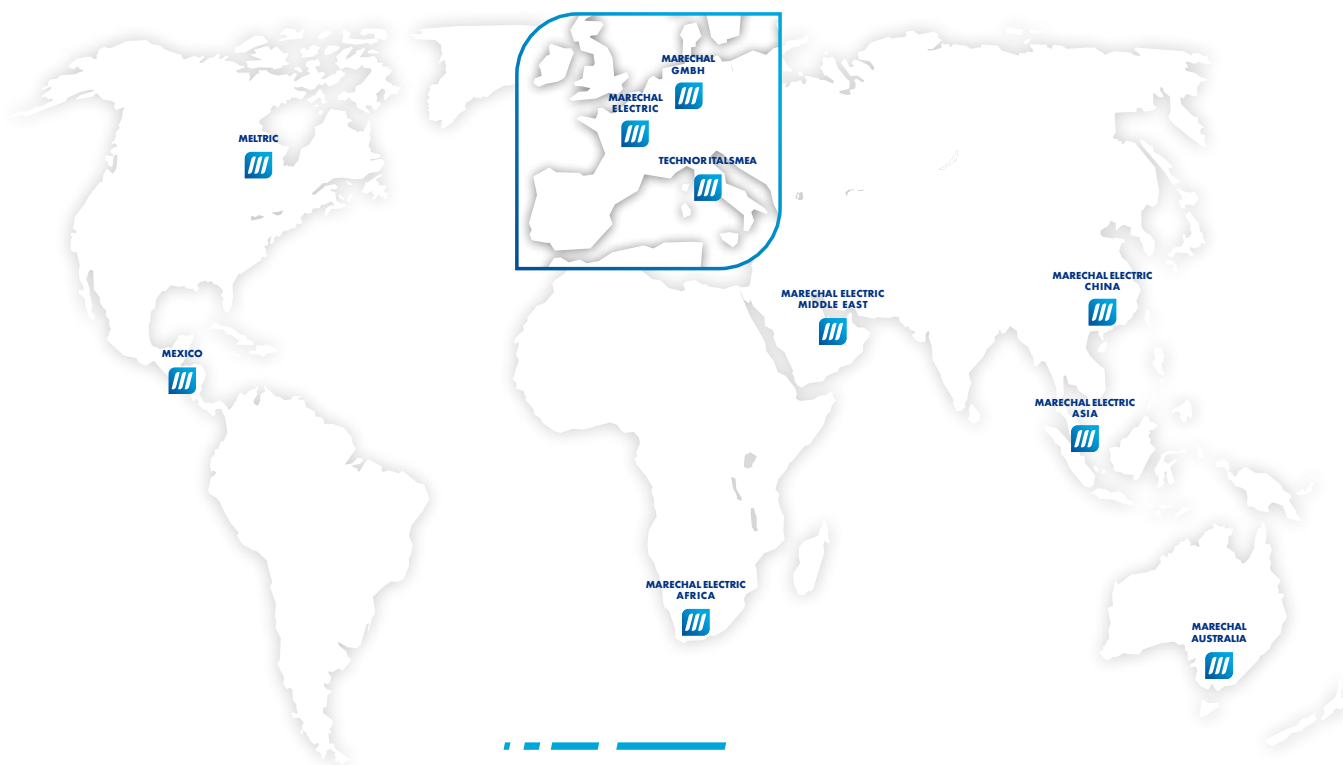
(2) All versions are available in 4, 8 and 12 m, contact us for the references.



**RETTBOX® ONE 20 A**  
**RETTBOX® ONE AIR 20 A**  
**RETTBOX® ONE 32 A**  
**RETTBOX® ONE AIR 32 A**

	A	B	C	D	E	F	G	H	J
RETTBOX® ONE 20 A RETTBOX® ONE AIR 20 A	184	114	184	89	114	163	94	152	83
RETTBOX® ONE 32 A RETTBOX® ONE AIR 32 A	188	132	197	140	151	173	116	169	103

# WORLD PRESENCE



## MARECHAL ELECTRIC S.A.S. (Head Office)

5 avenue du chemin de Presles  
94410 Saint-Maurice, FRANCE  
Phone : +33 (0)1 45 11 60 00  
e-mail: contact@marechal.com

### Africa SADC area

MARECHAL ELECTRIC AFRICA (PTY) LTD.  
PO Box 13875 Witfield 1467  
Unit A1 Harvard Lane  
Aero Star Business Park  
Jet Park Road, Jet Park, South Africa  
Tel.: +27 11 894 7226/7/8  
e-mail: sales.za@marechal.com

### Asia

MARECHAL ELECTRIC Asia Pte Ltd  
9 Tagore Lane  
#01-05 9@Tagore  
Singapore 787472  
Tel. : +65 6554 2722  
e-mail: sales.asia@marechal.com

### Australia

MARECHAL AUSTRALIA PTY LTD  
20 A Technology Circuit  
HALLAM VIC 3803  
Australia  
Tel. : +61 (0)38786 2500  
e-mail : sales@marechal.com.au

### China

MARECHAL ELECTRIC (China) Co., Ltd  
11 North Xiangshui Road,  
West Dayawan District,  
Huizhou PRC  
Tel.: +86 (0)752-5319536  
e-mail: sales.cn@marechal.com

### Germany/Austria/Switzerland/Eastern Europe/Russia

MARECHAL GmbH  
Im Lossenfeld 8  
D-77731 Willstätt-Sand  
Germany  
Tel.: +49 (0)7852/91 96-0  
e-mail: info.de@marechal.com

### Middle East

MARECHAL ELECTRIC Middle East  
Trading LLC  
80 Street, Shed-01B ALFA3 Complex  
Jebel Ali Industrial 1 - Dubai, UAE  
Tel. : +971 4 226 8400418  
e-mail : sales.me@marechal.com

### USA/Canada

MELTRIC Corporation  
4765 W. Oakwood Park Drive  
Franklin WI 53132, USA  
Tel.: +1 414 433 2700  
e-mail: mail@meltric.com

### Mexico

MELTRIC Corporation  
Insurgente Sur 863 – Piso 7  
Napoles, Benito Juarez,  
D. F. Mexico, C.P 03810  
Tel.: +52 55 50056752  
e-mail : mail@meltric.com

### TECHNOR ITALSMEA S.p.A.

Via Italia 33,  
20060 Gessate (Milano),  
Italia  
Tel. : +39 02 95 00 151  
e-mail : sales@italsmea.com

For any other country or area, please contact the head office.

[marechal.com](http://marechal.com)

 **MARECHAL**  
ELECTRIC  
MARECHAL® TECHNOR® MELTRIC®