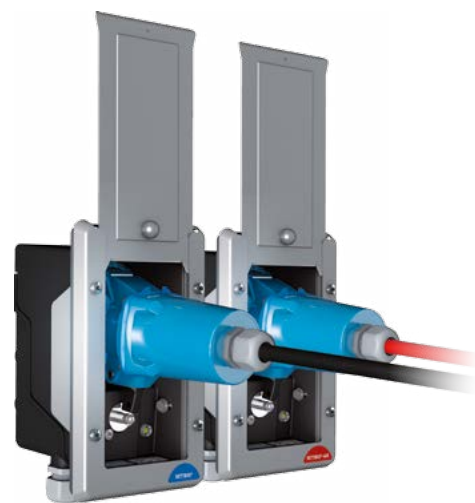




RETTBOX® ONE RETTBOX® ONE AIR

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

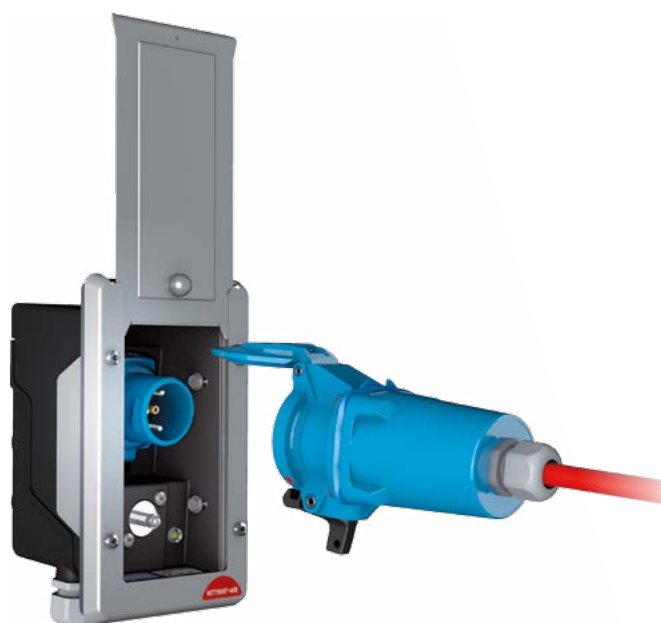




ELECTROMAGNETIC SELF-EJECT DECONTACTOR™

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:



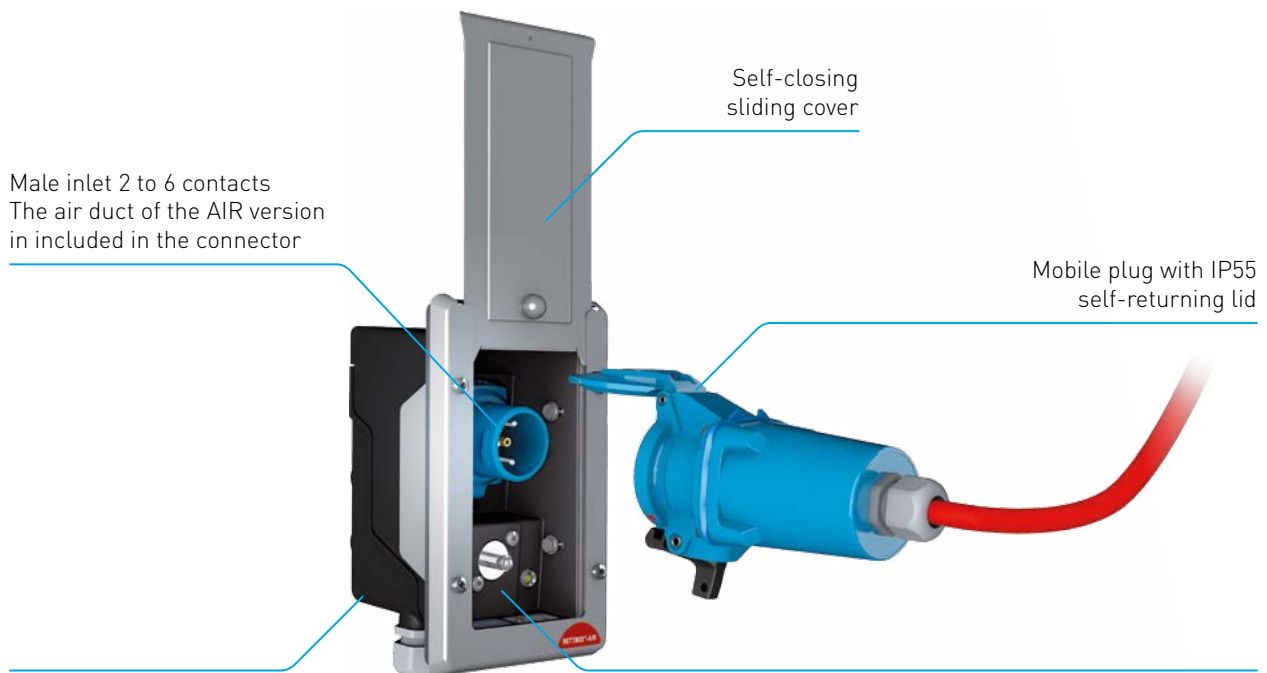
CHECK OUR RETTBOX® ONE
USER GUIDE,
TUTORIAL INSTALLATION
VIDEO,
AND OUR INSTRUCTION
SHEET.



MAIN FEATURES

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

* with duct for compressed air



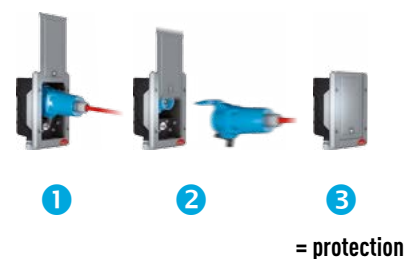
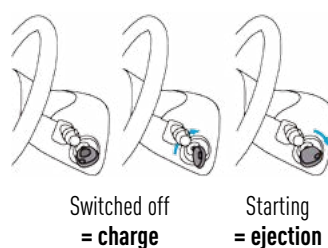
RETTBOX® ONE 20 A: casing in GRP
RETTBOX® ONE 32 A: stainless steel AISI316L

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.



440 V
U MAX

RETTBOX® ONE/RETTBOX® ONE AIR

ELECTROMAGNETIC SELF-EJECTION

20A



IP55



1,5 - 6 mm² ⁽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.)



ENCLOSURE WITH INLET
supplied with 4 m cable ⁽²⁾



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

RETTBOX® ONE (20A)

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.



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 (20A)

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 mm² ⁽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 20 A

611AHUTAAA L

RETTBOX® ONE AIR 32 A

381AHUTAAA L

RETTBOX® ONE 20 A

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.

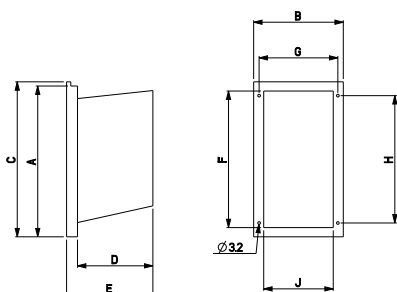
With 24 V relay and male inlet

3816247AK424U

3813247AK4L

Cable only (per metre): 381AKOM

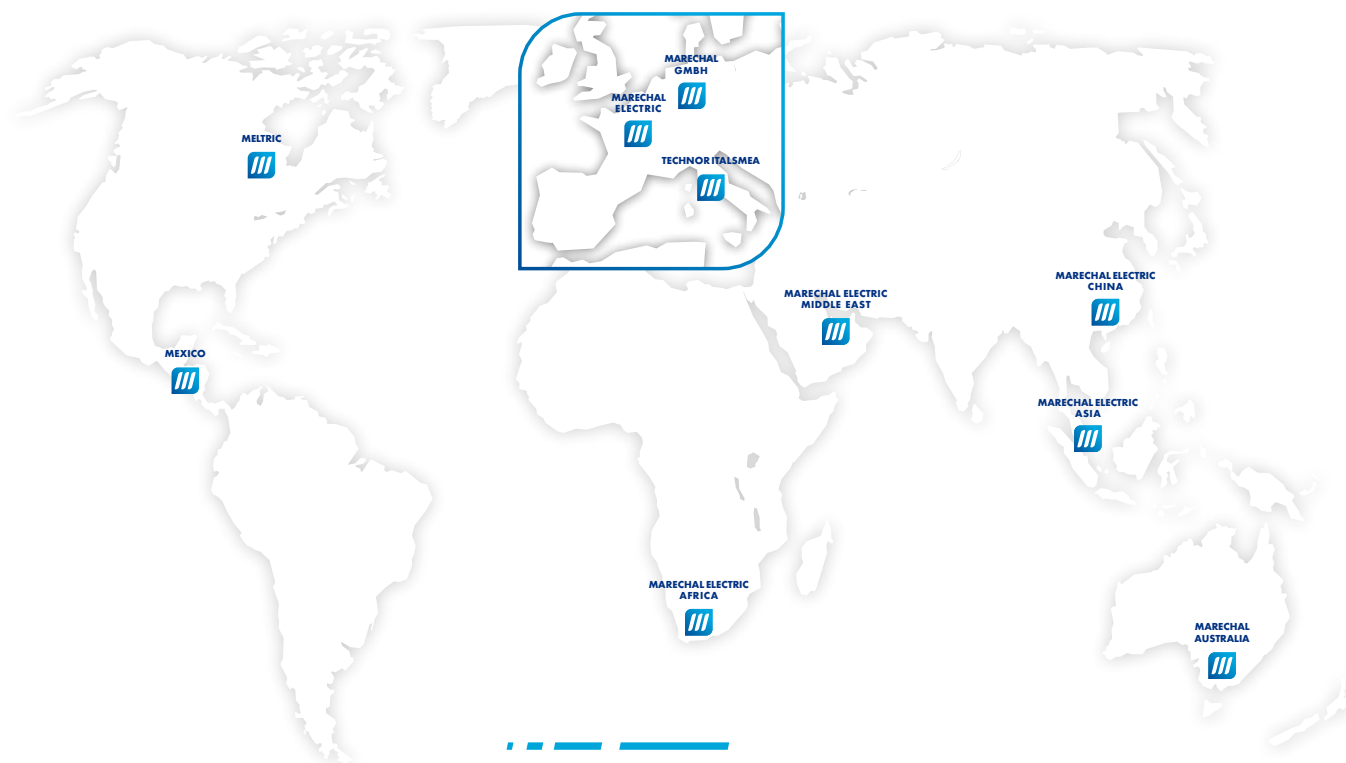
(2) All versions are available in 4, 8 and 12 m, contact us for the references.



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@meltricc.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@meltricc.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

MARECHAL
ELECTRIC
MARECHAL® TECHNOR® MELTRIC®