

# RETTBOX®



## ELECTROMAGNETIC SELF-EJECT DECONTACTOR™



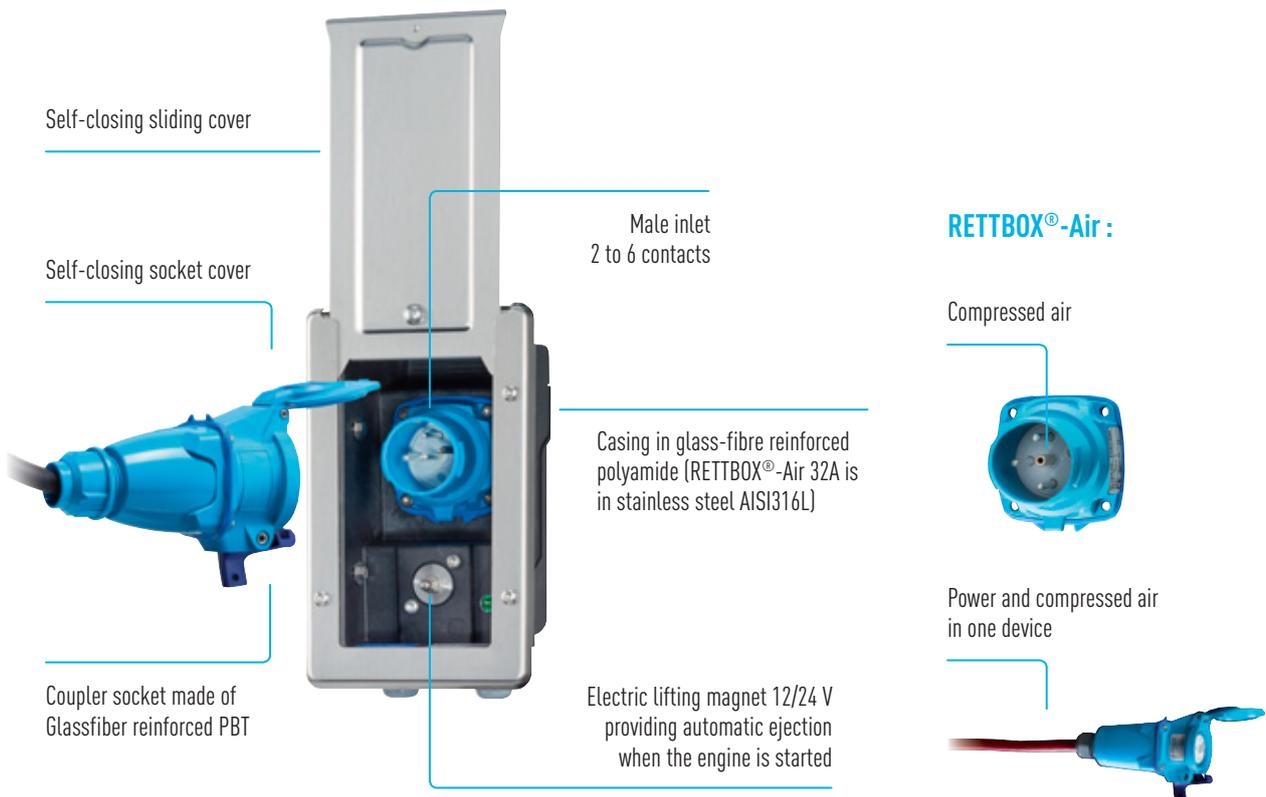
**20 A/32 A**

- ▶ For all types of emergency vehicles
- ▶ DECONTACTOR™ for power supply with secure/ automatic ejection RETTBOX® or power supply with compressed air RETTBOX®-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®-Air : Compressed air supply up to 13 bar
- ▶ More than 10,000 matings tested (20 A)

MAIN FEATURES

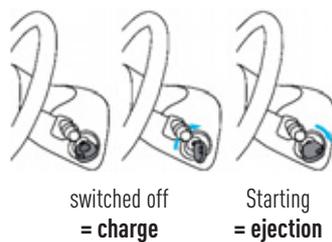
|   | RETTBOX® (20 A)                 | RETTBOX®-Air (20 A)             | RETTBOX® (32 A) | RETTBOX®-Air (32 A) |
|---|---------------------------------|---------------------------------|-----------------|---------------------|
| Front   | stainless steel                 | stainless steel                 | stainless steel | stainless steel     |
| Box   | glassfiber reinforced polyamide | glassfiber reinforced polyamide | stainless steel | stainless steel     |
| Protection mode (closed cover)                      | 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                           | 1 aux                           | 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       |

\* with duct for compressed air



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 lifting magnet.
- 3 Protection against water and dust by means of a self-closing cover.



INFOS +



**ENCLOSURE WITH INLET RETTBOX®**



**Box**  
6116015RK412U

**COUPLER SOCKET RETTBOX®**



**Coupler socket**  
6113015RK4L

**RETTBOX® (20 A)**

**ENCLOSURE WITH INLET**  
supplied with 4 m cable



**COUPLER SOCKET**  
pre-wired, cable  
4 m included



|          |               |   |               |             |
|----------|---------------|---|---------------|-------------|
| 230 V AC | 1P+N+E        | RETTBOX® with 12 V relay and male inlet | 6116015RK412U | 6113015RK4L |
| 230 V AC | 1P+N+E        | RETTBOX® with 24 V relay and male inlet | 6116015RK424U | 6113015RK4L |
| 230 V AC | 1P+N+E+2 aux. | RETTBOX® with 12 V relay and male inlet | 6116175RK412U | 6113175RK4L |
| 230 V AC | 1P+N+E+2 aux. | RETTBOX® with 24 V relay and male inlet | 6116175RK424U | 6113175RK4L |
| 24 V AC  | 2P DC*        | RETTBOX® with 24 V relay and male inlet | 6116089RK424U | 6113089RK4L |
| 12 V AC  | 2P DC*        | RETTBOX® with 12 V relay and male inlet | 6116059RK412U | 6113059RK4L |

\*LED not available for these configurations.

**RETTBOX®-Air (20 A)**

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



**COUPLER SOCKET**  
pre-wired, cable  
4 m included



|          |               |   |               |             |
|----------|---------------|---|---------------|-------------|
| 230 V AC | 1P+N+E        | RETTBOX® with 12 V relay and male inlet | 6116015AK412U | 6113015AK4L |
| 230 V AC | 1P+N+E        | RETTBOX® with 24 V relay and male inlet | 6116015AK424U | 6113015AK4L |
| 230 V AC | 1P+N+E+1 aux. | RETTBOX® with 12 V relay and male inlet | 6116215AK412U | 6113215AK4L |
| 230 V AC | 1P+N+E+1 aux. | RETTBOX® with 24 V relay and male inlet | 6116215AK424U | 6113215AK4L |
| 24 V AC  | 2P DC*        | RETTBOX® with 24 V relay and male inlet | 6116089AK424U | 6113089AK4L |
| 12 V AC  | 2P DC*        | RETTBOX® with 12 V relay and male inlet | 6116059AK412U | 6113059AK4L |

\*LED not available for these configurations.  
All versions are available in 4, 8 and 12m.

**INFOS +**

**FIND ALL INFORMATION  
ON OUR WEBSITE:**



**RETTBOX®  
USER GUIDE**

**LED CONTROL LIGHT**

RETTBOX® (20 A, 230 V) and RETTBOX®-Air (20 A, 230 V) feature a LED signal light that indicates the presence of charging voltage.



# RETTBOX®

ELECTROMAGNETIC SELF-EJECT

32 A IP55



**ENCLOSURE WITH INLET RETTBOX®**



**Box**  
3816187AK424U

**COUPLER SOCKET RETTBOX®**



**Coupler socket**  
3813187AK4L

**RETTBOX® (32 A)**

**ENCLOSURE WITH INLET**  
supplied with 4 m cable



**COUPLER SOCKET**  
pre-wired, cable 4 m included



|          |               |   |               |             |
|----------|---------------|---|---------------|-------------|
| 230 V AC | 1P+N+E+3 aux. | RETTBOX® with 24 V relay and male inlet | 3816187RK424U | 3813187RK4L |
| 400 V AC | 3P+N+E+1 aux. | RETTBOX® with 24 V relay and male inlet | 3816247RK424U | 3813247RK4L |

**RETTBOX®-Air (32 A)**

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



**COUPLER SOCKET**  
pre-wired, cable 4 m included



|          |               |   |               |             |
|----------|---------------|---|---------------|-------------|
| 230 V AC | 1P+N+E+3 aux. | RETTBOX® with 24 V relay and male inlet | 3816187AK424U | 3813187AK4L |
| 400 V AC | 3P+N+E+1 aux. | RETTBOX® with 24 V relay and male inlet | 3816247AK424U | 3813247AK4L |

**ADDITIONAL EQUIPMENT**

**LEATHER PULL-GRIP (coupler socket)**



|         |
|---------|
| 611AZIE |
|---------|

**CEILING BRACKET** made of stainless steel



| RETTBOX®<br>20 A | RETTBOX®-Air<br>20 A | RETTBOX®-Air<br>32 A |
|------------------|----------------------|----------------------|
| 611AHUTRRR L     | 611AHUTAAA L         | 381AHUTAAA L         |

All versions are available in 4, 8 and 12m.

**DIMENSIONS**

|                          | A   | B   | C   | D   | E   | F   | G   | H   | J   |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>RETTBOX® 20 A</b>     | 184 | 114 | 184 | 89  | 114 | 163 | 94  | 152 | 83  |
| <b>RETTBOX®-Air 20 A</b> | 184 | 114 | 184 | 89  | 114 | 163 | 94  | 152 | 83  |
| <b>RETTBOX® 32 A</b>     | 188 | 132 | 197 | 140 | 151 | 173 | 116 | 169 | 103 |
| <b>RETTBOX®-Air 32 A</b> | 188 | 132 | 197 | 140 | 151 | 173 | 116 | 169 | 103 |

