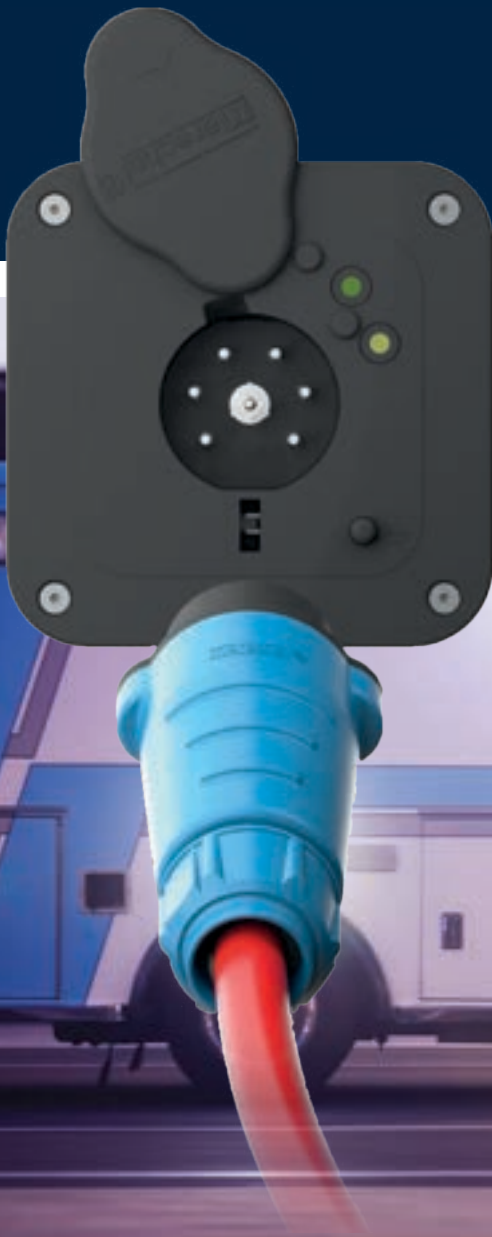


RETTBOX[®] S

The best-in-class industrial plug and receptacle with automatic self-ejection engineered to provide power to all equipment on board a vehicle.



A STEP FORWARD IN SAFETY AUTOMATIC SELF-EJECTION



RETTBOX® S is designed to ensure automatic self-ejection for your mobile/vehicle application. It is the ideal solution for ambulances, electric/autonomous vehicles, and refrigerated trucks. It is the **SMART, SIMPLE, SAFE** way to provide power to all equipment aboard a vehicle. Combined with the Service you receive from **MELTRIC®, RETTBOX® S** is the ideal solution.



SMART

RETTBOX® S is engineered to provide a better choice for self-ejection. LED indicators make it easy to monitor voltage presence and charging status.



SIMPLE

RETTBOX® S user-friendly design ensures robustness, performance, and ease of installation. Our goal is to simplify the work of end-users, contractors, and vehicle body converters.



SAFE

With automatic self-ejection, **RETTBOX® S** is the world's safest mobile application connector. Our DECONTACTOR™ technology is designed to guarantee safety for end-users.



SERVICE

From the highest quality materials to industry leading delivery times, MELTRIC is focused on providing the best possible customer experience.



RETTBOX® S is a professional use compact load-breaking, self-ejecting plug and receptacle.

Its technical features guarantee your safety.

- **GUARANTEED EJECTION**
Automatic ejection upon start-up of the vehicle without any operator intervention
- **DRASTIC TIME-SAVING**
Fast connection/disconnection
- **USER-FRIENDLY DEVICE**
Easy connection with one hand only
- **IP54 INGRESS PROTECTION**
Safe cleaning of the vehicle, resistance to poor weather conditions
- **VOLTAGE DETECTION LIGHT**
Signal lights confirm when the charger and the battery are powered
- **POSSIBLE MANUAL EJECTION**
Convenient and time-saving disconnection without any need to start the vehicle

**SCAN
ME >>**



SAFE SERVICE

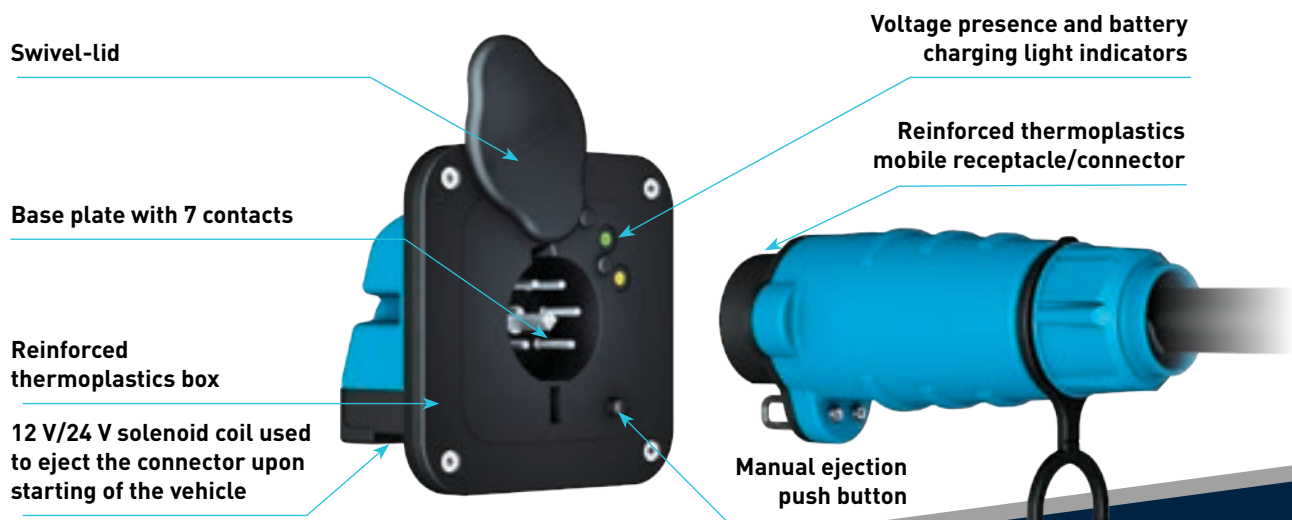
THE MELTRIC® DIFFERENCE



MELTRIC® Proven Reliability for a Durable Product

We incorporated the benefits of our 40 years of expertise to provide you with the most reliable and durable product available to date in the market.

- Materials used (stainless steel, reinforced thermoplastics) ensure excellent resistance to impact (IK08), UV, temperature variation (-40°F/+140°F), and high electric isolation.
- Tested up to 10,000 mechanical make and break cycles.
- Proven expertise amongst the most recognized vehicle manufacturers and converters (ambulances, electric/autonomous vehicles, refrigerated trucks, etc.).
- DECONTACTOR™ technology is utilized in more than 180 countries worldwide.
- **RETTBOX® S** is compatible with any type of battery charging station.



DECONTACTOR™ Technology: an Unrivalled MELTRIC Feature for Optimal Safety

MELTRIC plugs and receptacles feature unique spring-loaded, silver-nickel butt-style contacts, which provide excellent conductivity, even when oxidized. They provide exceptional connection quality by eliminating the damage caused by electric arcs and the wear and tear degradation experienced with brass contacts. Thanks to the pressure of the springs, conductivity is optimal even with the impacts of vibrations and temperature changes.



Innovation

An Innovative Plug and Receptacle. An Unrivalled MELTRIC Feature for Optimal Safety.

MELTRIC Corporation is synonymous with innovation. All our electrical connection solutions are patented to guarantee safety for end-users.

Safety Features Include:

- Self-ejection
- Ingress protection
- Unrivalled weather and temperature resistance
- High-quality materials
- Protection from live parts (IPXXB)

RETTBOX® S ensures self-ejection, preventing failures to the electrical installation.



A green indicator, as a standard, confirms voltage presence. An optional yellow indicator confirms secure charging of the battery.



RETTBOX® S was designed to offer a flush-mounted plate recessed into the vehicle body frame. Discrete, low profile with rounded corners to avoid impact damage or injury.

Our black reinforced thermoplastic is light, easy to install and provides a swivel lid that guarantees IP54 protection.

SAFE

SERVICE

An End-user Friendly Device

RETTBOX® S, has a Compact Size to Optimize the Assembly onto the Vehicle

RETTBOX® S makes assembly, use, and maintenance easy.

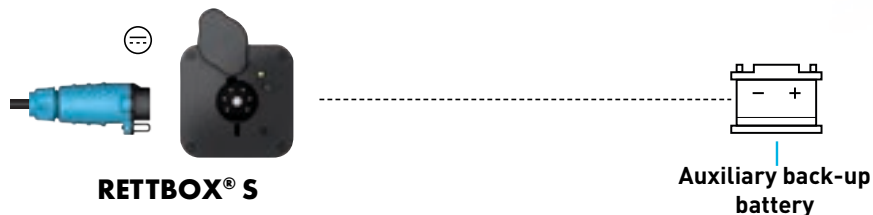
- Easy mounting, provides time and costs savings.
FOR THE VEHICLE BODY CONVERTER: metal cutting, drilling, threaded inserts installation, wiring, and box mounting.
FOR THE END-USER: plug-in with one hand only.
- Reduced internal volume: space saving and easy wiring.
- Small flush mounted plate on the vehicle body (.62 in): conveniently designed for simple integration.



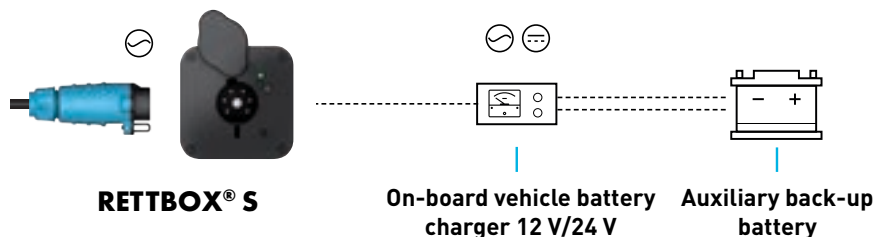
Configurations

Connections to the Mains/to the Battery Charger

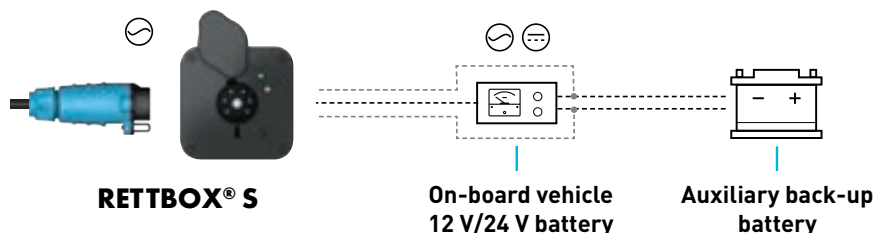
WITH AN EXTERNAL CHARGER: power supply with 12 VDC or 24 VDC



With an on-board vehicle charger: power supply with 120 VAC, 240 VAC, or 480 VAC



OPTION: a yellow LED battery charging indicator



TECHNICAL

Features

**WATCH
ME>>**



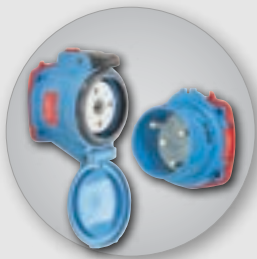
General Information	RETTBOX® S				
I_n	30 A	20 A	20 A	20 A	20 A
U_{max} (V AC/V DC)	380-480 VAC	220-250 VAC	110-130 VAC	24 VDC	12 VDC
Number of contacts	6P+G				
Wiring: (min-max conductor section - AWG) Flexible conductor: power contact	14-10 AWG				
Mating Cycles					
Number of mechanical mating cycles	10,000				
Environmental features					
Operating temperature (min/max) : °F	-40°/+140°				
Mechanical features					
IP: Base with closed lid	IP54				
IP: connector	IP2X				
Resistance to shocks	IK08				
Ejection system	Automatic/Manual push button				
Casing: material	Reinforced thermoplastics				
UV protection according to UL 746C	f1				
Resistance to salt mist	> 50,000 h				
Hardware	Stainless steel screws				
Main options					
Light indicator (battery charging)	Yellow	Yellow	Yellow	NA	NA

SAFE SERVICE

Electrical Connection Solutions for Your Industrial Applications

Explore the complete line of MELTRIC plugs, receptacles, and accessories providing solutions for a broad range of electrical connection applications.

- Switch-Rated from 20-200 A, 1/2 hp - 100 hp
- Multipin devices available with 4-37 contacts
- Hazardous Location devices for Class 1 & 2 Div 2 and Zone 1/21 & 2/22 environments
- High Temperature devices, up to 30 A, 465°F
- High Amperage devices, up to 600 A
- Power Distribution—Rubber Boxes, Panel Assemblies, Custom Configurations, Receptacle/Wall Box Combinations, and more



Switch-Rated



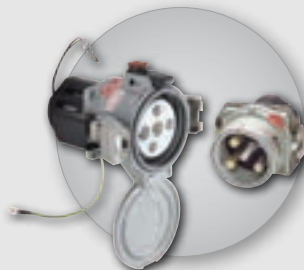
Multipin



**Hazardous
Location**



High Temp



**High
Amperage**



**Power
Distribution**

Our friendly engineering and customer service teams are available Monday - Friday, 7 a.m. - 5 p.m. (Central Time)

Phone: 414-433-2700
Email: mail@meltric.com

MELTRIC excels with the industry's leading delivery times.



Plug into **SAFETY** and **RELIABILITY** with **MELTRIC®**

meltric.com

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