

Antares Self-eject Inlet Systems

AUTOMATIC SAFETY PROTECTED VEHICLE INLET SYSTEMS



The Antares self-eject range offers an innovative solution for safely connecting mains power and optionally, compressed air, to specialist vehicles in a single, robust connector.

Choice of operation:

The standard self eject immediately disconnects the power (and air line) by the sensed ignition switch before the engine has started — the vehicle can then be safely driven away. An alternative is a tensioned variant that needs no connection to the vehicle ignition switch and is physically smaller.

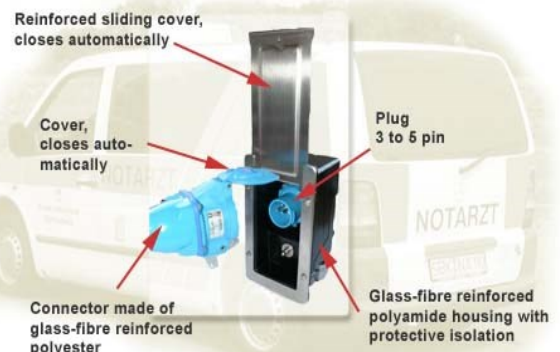
The power contacts use spring-loaded silver nickel butt connections giving longer life and higher reliability than traditional pin and sleeve.

KEY FEATURES:

- Provides drive-away protection
- Part of complete charging system “from wall to charger”. (See over)
- IP55 Protection
- 20A and 32A versions available
- 110V, 230V & 400V variants
- Sliding stainless steel cover closes automatically
- Virtually indestructible glass-fibre reinforced polyester connector.
- Housing made of glass-fibre polyamide with protective isolation
- Longer-life butt-contacts with silver-nickel tips
- “Mains present” LED
- Cable-end connector hinged cover closes automatically
- Compact design
- Easy to fit

OPTIONS:

- “Power-safe” unit automatically switches power on/off when system connects/disconnects
- Compressed air-line optionally contained within the same (single) power cable
- Up to 13 Bar Pressure for Airline
- 3, 4 or 5 electrical power contacts,
- multi-pin (9, 20, 24, 37) data contacts.



FM 37786
ISO 9001:2008

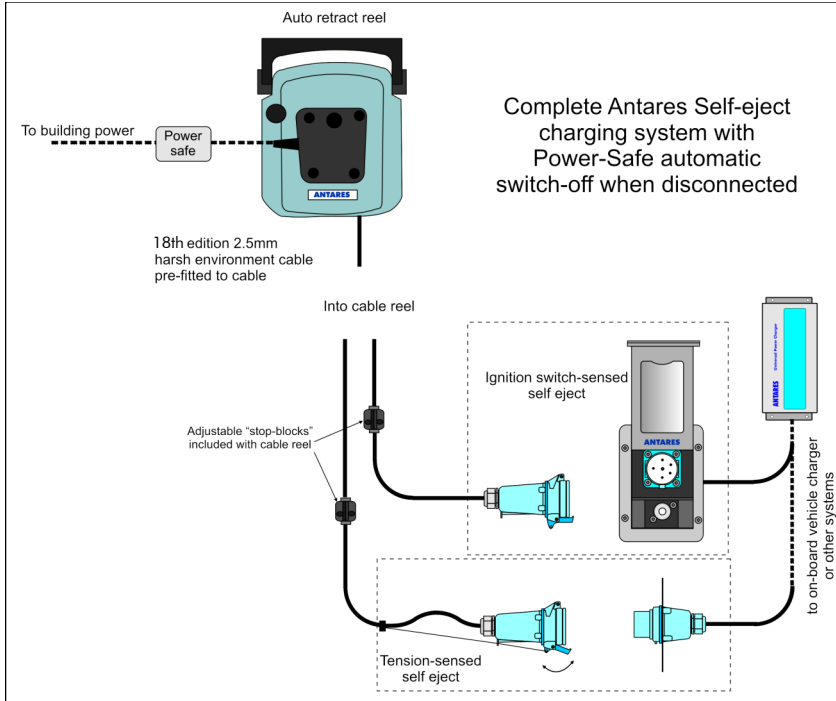
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ANTARES
engineering with answers

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Complete, versatile system

You can choose the complete system from the wall of your building to the battery charger in your vehicle.

DC Connection Option

This versatile inlet system can also be specified to provide a DC connection allowing a battery charger to be mounted externally with the provision for cable volt drop compensation.

Data Connection Option

For <5A per pin data connections a 9pin, 20pin, 24pin and 37pin versions are available allowing ruggedized, secure IT connections either to a vehicle or between vehicles.

Please contact Antares engineering for support on your particular application.

Outline specifications

Description	Supply voltage	Chassis voltage	20A Part Number	20A + Air Part Number	32A + Air Part Number
Ignition switch sensed Self-eject vehicle inlet system (includes vehicle mounted enclosure and matching connector, excludes any mains cable)	110V	12	96500	96506	n/a
	230V		96501	96507	n/a
	110V	24	96502	96508	96510
	230V		96503	96509	96511
	400V	12	96504	N/A	96512
		24	96505	N/A	96513
	W x H x D mm			83 x 163 x 94	83 x 163 x 94
Weight kg			1.2 Kg	1.2Kg	3.2Kg
Cable Self-eject vehicle inlet system (includes mating connectors and eject cable, excludes any mains cable)	110V	n/a	96520	n/a	n/a
	230V	n/a	96521	n/a	n/a
	W x H x D mm			60 x 60 x 55	60 x 60 x 55
Weight kg			400 g	400 g	400 g
OPTIONS					
Retractable Reel with 2.5mm cable excluding connector	350 x 315 x 170 mm		96530	n/a	n/a
Power-Safe auto switch off Module	160 x 160 x 60 mm		96540	96541	96542