

Antares Self-eject Inlet

AUTOMATIC SAFETY PROTECTED VEHICLE INLETS



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.

Antares TDC
Knives Beech Business Centre
Davies Way
Loudwater
HIGH WYCOMBE
HP10 9QR UK

www.antares.co.uk
email: info@antares.co.uk
tel: +44 (0)1628 535440
fax: +44 (0)1628 535441

ANTARES
engineering with answers

KEY FEATURES

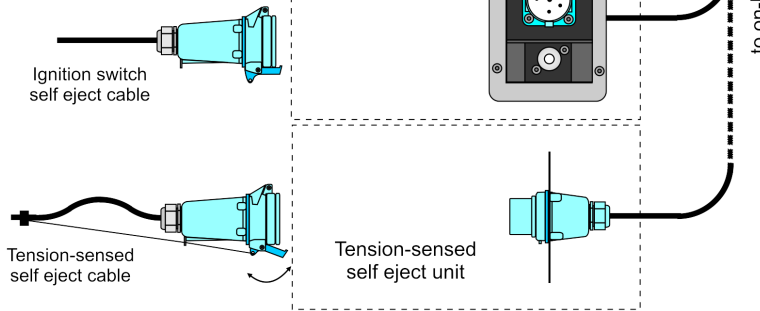
- Provides drive-away protection
 - Part of complete charging system “from wall to charger”. (See over)
 - IP55 Protection
 - 20A and 32A versions available
 - 110V, 230V & 400V variants
 - Sliding stainless steel cover closes automatically
 - Virtually indestructible glass-fibre reinforced polyester 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.



Antares Self-eject Inlet

AUTOMATIC SAFETY PROTECTED VEHICLE INLETS

Available in 5pin "Power-Safe" and 3pin versions



Complete, versatile system

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

Power-safe option

The Antares power-Safe unit connects to the power supply in the building and comes with 10m cable with the required connector pre-fitted and ready to be shipped with the vehicle.

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.

Other options

Please contact Antares engineering for support on your particular application.



Specifications. Note: to complete a system you require a "self-eject inlet" + a "self-eject cable"

Description	Supply voltage	Chassis voltage	20A	20A + Air	32A + Air
Ignition switch sensed Self-eject inlet system Choose 5 pin Power-Safe; or 3pin version. (includes vehicle mounted enclosure with mains indication. Add matching cable - see options below).	110V	12	✓	✓	
	230V		✓	✓	
	110V	24	✓	✓	✓
	230V		✓	✓	✓
	400V	12	✓		✓
		24	✓		✓
W x H x D mm Weight kg	83 x 163 x 94 1.2 Kg			103x173x145 3.2Kg	
Tension sensed Self-eject inlet system Choose 5 pin Power-Safe; or 3pin version. (includes panel-mount unit. Add matching cable - see options below).	110V	n/a	✓		
	230V	n/a	✓		
	W x H x D mm Weight kg	60 x 60 x 55 400 g			68 x 68 x 80 400 g

Self-eject cable. Note: Not all options can be listed here - please contact Antares for more possibilities

Retractable Reel (3 core 2.5mm cable) with connector, not power safe compatible		✓		
10m connecting cable, pre-wired to power-safe unit and vehicle connector		✓	✓	✓
10m connecting cable, pre-wired to vehicle connector		✓	✓	✓