

Trojan 400i

Reliable, Rapid and Robust Street Lighting Isolation

Where reliable, rapid and robust street lighting isolation is required for areas using large cables up to 35mm², the Trojan 400i range provides the ideal solution.

Made to meet the specifications of street lighting infrastructure, the unit has special features that ensure quick and simple installation while assuring optimal protection.

Specifications

The Trojan 400i range has a variety of features that make it:

Reliable

- Protected to IP54 with BS EN60529, tested to meet industry requirements.
- Clear plastic panel to the front of unit for quick maintenance and fault checking.
- Tamper proof seal

Rapid (Installation)

- Sliding terminal blocks ensure flexibility and ease of installation.
- Minimal screws required.
- A snap-fit removable plastic clamp fixes gland plate in place.
- Adjustable back plate to clip product in column swiftly and securely.
- Hook feature (optional extra) for unit hanging without a backboard.

Robust

- Designed to accommodate large cables most commonly used in street lighting columns.
- Manufactured with high quality thermoplastics tested to industry standards (55°C ambient temperature & 95% relative humidity).
- Cable gland plate clamping mechanism securely holds gland plate in place and is unaffected by temperature and aging, as well as cable expansion and contraction.



Tailoring Options

- Available in two size options to accommodate a number of cable requirements:
 - Trojan 400i L - 2TT (2 x 35mm² max cables)
 - Trojan 400i XL - 3TT (2 x 35mm² max cables & 1 x 25mm² cable)
- Extension Box (optional extra) – to meet a number of installation requirements
- Hook feature (optional extra) - allows unit to be hung in column, depending on specification
- Designed to meet large cabling requirements - accepting diameters of up to 35mm²

Construction

The Trojan 400i range is made with:

- Polycarbonate clear (2mm thick) casing in Grey Nylon PA6 Material
- ABS covers, clamps and sliders
- 3mm thick brass gland plates
- IP54 rating

Trojan 400i

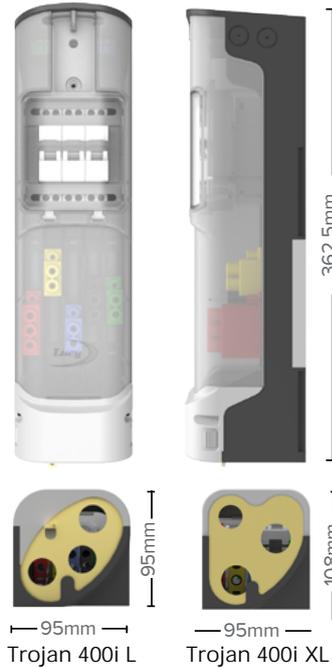
Meeting Standards

- Designed and manufactured in accordance with quality management system ISO9001
- BS EN 61439 -1
- Tested to BS7654

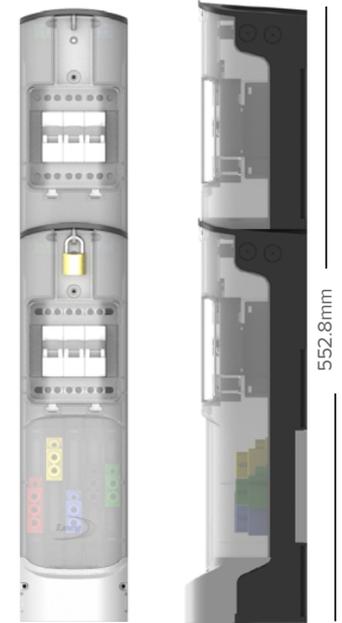
Dimensions

Size (mm)	Range	
	Trojan 400i L	Trojan 400i XL
Length (L)	362.5mm	362.5mm
Width (W)	95mm	95mm
Depth (D)	95mm	108mm

Trojan 400i L & XL



Trojan 400i XL with Extension box



Technical Specification

Specification*	Range		
	Trojan 400i L 2TT (2 x 35mm ² max cables)	Trojan 400i XL 3TT (2 x 35mm ² max cables & 1 x 25mm ² cable)	Extension box
Gland type:	CW32 max	CW32 max	n/a
Gland plate (cable sizes)	10mm ² – 35mm ²	10mm ² – 35mm ²	n/a
Gland plate (thickness)	3mm (brass)	3mm (brass)	n/a
Cable exits	Up to 4 x output PG16 glands	Up to 4 x output PG16 glands	Up to 4 x output PG16 glands
Neutral/earth block	Up to 6 connection points	Up to 6 connection points	6 way
Terminal blocks	2TT (up to 5 x coloured terminal blocks)	3TT (up to 5 x coloured terminal blocks)	n/a
DIN rail	Ability to hold up to 4 x MCBs or 3 plus DIN rail mounted earth/neutral	Ability to hold up to 4 x MCBs or 3 plus DIN rail mounted earth/neutral	Ability to hold up to 4 x MCBs or 3 plus DIN rail mounted earth/neutral
Cables	2 x 35mm ² max cables	2 x 35mm ² max cables & 1 x 25mm ² cable	n/a

* All information based on standard product and was correct on date of publication (13.08.18)

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