

LV25-12

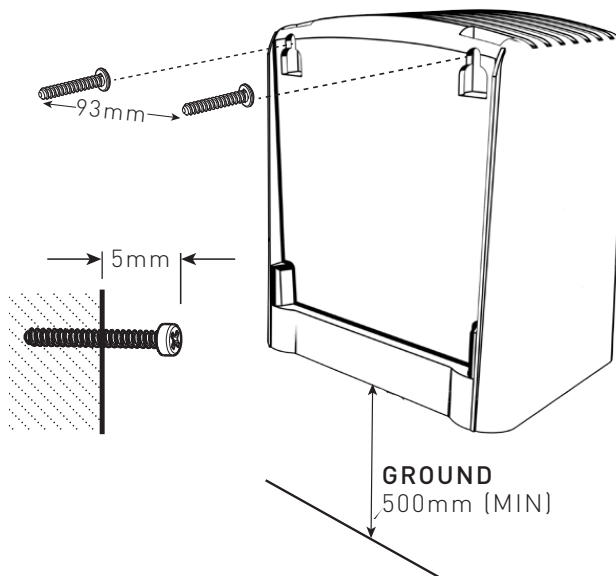
LOW VOLTAGE TRANSFORMER

INSTALLATION GUIDE

INSTALLATION

Ensure that the unit is installed at least 3.5 metres away from the pool and/or spa and at a minimum of 500mm above ground level.

Mount unit using the 2 keyhole slots provided, at 93mm centres.



CABLE TERMINATION

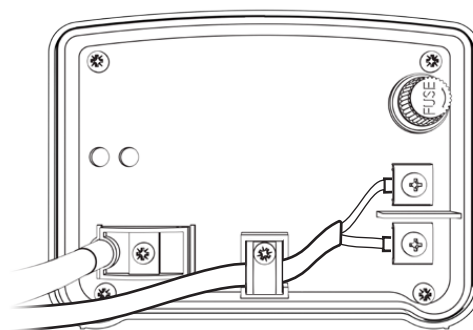
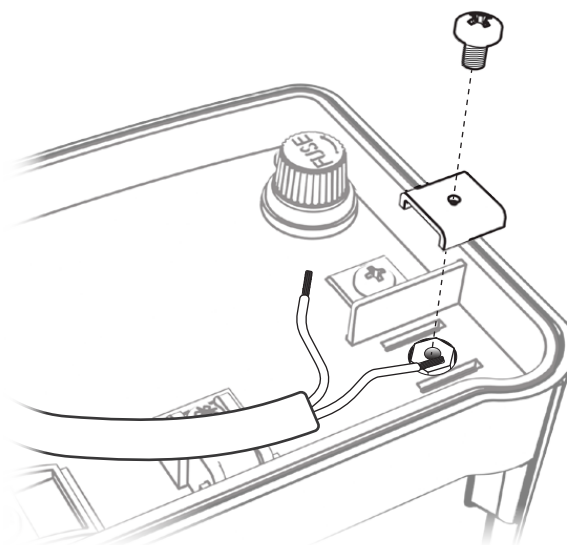
The LV25-12 transformer has single output with a pair of terminals. Each cable core should be terminated as follows:

1. Remove the terminal screw and clamp plate from the terminal bolt.
2. Place one of the stripped end of the cable on top of the terminal bolt. Place the clamp plate on top of the cable end and fasten the connection in place. As the Transformer outputs AC power the cable orientation is not important

For the second cable core, repeat these steps on the adjacent terminal.

Optional: Once the cable termination is complete, anchor the cable to the transformer using the cable management hook provided. This will help protect the cable from strain.

Spa Electrics recommends the use of an Electrical Contractor or Pool Technician for connection of the Pool Light to the Transformer.



FOR ASSISTANCE PLEASE
CONTACT **SPA ELECTRICS**

ph: +61 3 9793 2299
info@spaelectrics.com.au
www.spaelectrics.com.au



CHECKING THE FUSE

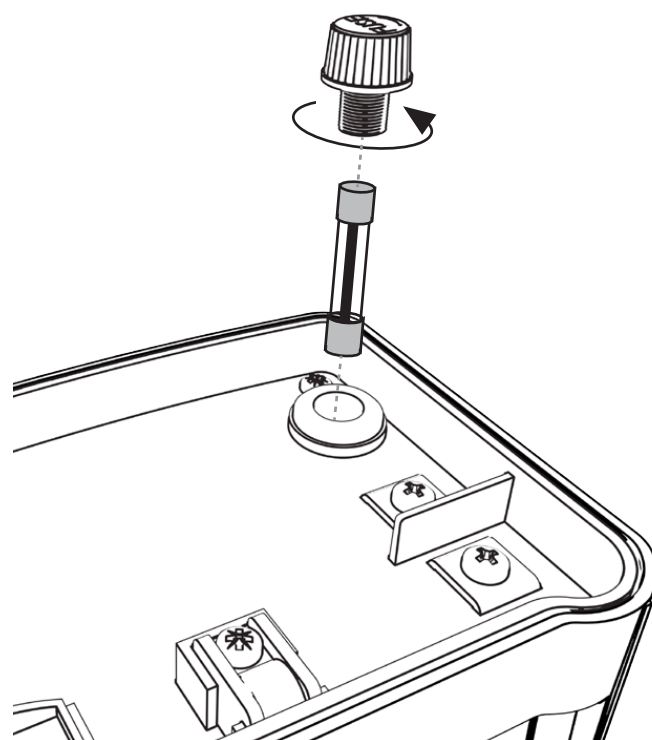
The LV25-12 transformer includes a single 3amp glass fuse. The fuse is designed to protect the transformer and light cable from shorts & over loading, which may lead to the premature replacement of the transformer.

The following steps show how to check if your transformer fuse has blown:

1. Unscrew the fuse cover.
2. Remove the fuse
3. Check the center of the fuse for breaks. At times breaks can occur inside the fuse endcaps and can be difficult to see, these can be verified using a Multimeter.

If the fuse has blown, first check all cable connections for shorts before replacing the fuse.

Note: Spa Electrics uses generic 3AG glass fuses, which can be purchased from any quality auto parts/Electrical retailer.



GOOD



BAD



TECHNICAL SPECIFICATION

TRANSFORMER RATING

Input: 230-240VAC ~ 50Hz

Output: 25W 12VAC ~ 50Hz switched

Fuse: 3AMP - 3AG Glass fuse

IP Rating: IP44

TROUBLE SHOOTING

CONDITION	PROBABLE CAUSE	REMEDY
No Output Power	No Input Power	Check input power GPO using another appliance. If power is available at GPO, contact Spa Electrics for further assistance
	Blown Fuse	Check fuse, If the fuse has blown, first check all cable connections for shorts before replacing the fuse. If fuse wire is intact, contact Spa Electrics for further assistance.

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