

## T92010GB - 10w - 12v Dc - IP67 Potted LED Power Supply in Ground Burial Enclosure

### Description

The T92010GB 10w 12v Ground burial power supply is mounted into a black polycarbonate box and filled with resin, for ground burial.



<b>Electrical data</b>	Constant voltage 10w 12v, input voltage of 240v. Non-dimmable. No load power consumption of less than 0.5w.
<b>Mechanical data</b>	112 x 112 x 67mm IP65
<b>Protection Functions</b>	Over Load- When connected load is over 120% of rated load, the product will shut down and enter protection status and will self-recover when fault is removed.

## Installation Instructions

For surface mounting: Using a slotted screwdriver, rotate each of the 4 quarter-turn corner fixings 90 degrees to the "0" position and remove the lid to reveal the fixing slots in each corner. Secure the transformer to a wall or post with 5mm screws in each corner, or attach to optional transformer mounting stakes. Install the transformer on a wall or post approx. 30cm above ground.

For ground burial: Before using Resin test the circuit.

Make all connections in T9969 underground joint kit or similar resin-sealed joint. (Boxes with silicon-sealed lids do not protect against ingress of moisture through condensation and capillary action: ordinary silicon sealant does not bond reliably with all enclosure materials.) After burying the transformer and associated junction boxes, lay a paving slab or similar protective material over it to protect against mechanical damage, cover with cable warning tape and back-fill hole. NB: Where multiple ground burial transformers are to be installed in an area, allow connection points where possible above ground to allow for isolation in the event of future fault-finding. Connection of transformers to separate cores of a multicore cable may also be considered. Failure to adopt these recommendations may mean difficulty in fault diagnosis in the future and in extending or upgrading the system.

Mixing the resin: remove polyurethane mix from foil bag, being careful not to puncture the bag. Remove the plastic strip separating the 2 solutions and knead for 2-5 minutes ensuring the mixture has been fully combined. Snip off the corner and pour into the box. Allow 30 minutes to dry; however this can be considerably longer in cold weather.