



Notes:

1. The ITS roadside equipment housing must conform to RMS Specification R155 Clause 2.5.
2. Provide two 19 inch rack mounting rails 900mm high minimum fitted 50mm from the front and 25mm below the top.
3. Provide two electrical equipment shelves.
4. Provide Distribution Board and two 10A General Power Outlets (GPOs).
5. The footing for the housing base must be a 550 x 850 x 650 mm (H:W:D).
6. Provide 4 x 16mm dia holding down bolt assembly for mounting. The location of the holding down bolt assembly must suit the type of equipment housing used.
7. The housing must have external dimension of 1300 x 600 x 400 mm (H:W:D) and to be made from 2mm thick Aluminium.
8. All external surfaces of the housing, including the door must be powder coated with colour "smoke blue" (colour code: T33) in accordance with AS AS2700 and finished with a durable gloss finish of anti graffiti polyester powder coating with a minimum thickness of 50 micron.
9. The housing must have a lockable door at the front.
10. The door must open at a maximum angle of 110 degrees. A latch must be included to secure the door when open.
11. Door to be earthed to the housing with a braided strap.
12. Provide single door with two point housing locks (Southco E3-15) and an A4 document holder (350mm wide, 200mm high and 25mm depth) on the inside.
12. Door seals must be made of closed - cell ultra violet stable material (std. grade CR242 Chloroprene soft foam rubber).
13. Provide vents for passive ventilation. Vents must be vandal resistant. Plastic vents must not be used.
14. Provide a 400 x 290 mm (+/- 10mm) opening to allow for the cable to enter/exit through the housing base.
15. Provide cable clamp bar at the bottom of the housing to secure the cable entry and exit.
16. The driven type Earth Electrode should have a diameter of 13mm steel core with a nominal 0.7mm thick grade 316 stainless steel cladding, or solid stainless steel grade 316 rod. The Earth Electrode including a brass Earth clamp shall conform with and be installed in accordance with AS 3000. If it is impractical to install the Earth Electrode in the housing footing, the electrode shall be installed in a pit adjacent to the housing footing.

A ORIGINAL ISSUE

REFERENCE DRAWINGS


ROADS AND MARITIME SERVICES

ITS Roadside Equipment Housing

SCALE

SUPERSEDES:

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