



Intelligent Transport Systems

Type Approval

Certificate No:	ITS-TAN000081
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Issued to:

Tyco Traffic and Transportation

For:

Eclipse EA1-60 Traffic Controller - Post Mounted Housing			
RMS Specification:	TSC/4	Version:	Amend 1 & 2

Summary Scope:

The Post Mounted Housing for accommodating an approved TSC/4 Logic Module and providing facilities for 8 signal group outputs, 16 loop inputs and 12 external contact inputs and configuration of 8 SPIPs and 8 SPOPs.

Note: Conditions of approval are on the reverse side of this certificate

Evaluation Reference:	ITS-EV00103	Approver	Manager TSI
Approver Signature:	<i>Steven Shaw</i>	Date	13/08/2018

A) Description and itemisation of the equipment covered by the type approval:

The Post Mounted Housing for Tyco Eclipse EA1 series 60 traffic signal controller:

Overall Dimensions of the housing are 1357mm (H) x 400mm (W) x 365mm (D), made by Marine Grade Aluminium, with IP45 Protection and in-built Condensation Plate.

The housing contains the following key items:

- Site Identification Unit (Product Part No. 4002 150 18280, Rev: 3)
- Flasher Unit
- Line Isolating Unit
- 30V Power Supply and its Transformer
- Lamp Terminal Block for 8 signal groups
- Terminal Block P for 16 loop Inputs
- Terminal Block E for 12 external contact Inputs
- Mains Filter
- Facility Switch
- Mains Power Outlet (GPO, with RCD protection)
- Light Sensor and Door Open Sensor

- Mains Distribution Panel:
 - Master and Auxiliary Relays
 - Flashing Yellow Change-over Relay
 - Fault Current Limiter
 - Circuit Breakers (Mains, Lamp, Flasher, Logic, Det and Aux)
 - Surge Diverter and Mains EMI Suppressor
 - Earth link, Neutral Link1 and 2

B) Summary of concessional deviations from specified requirements

Nil.

C) Conditions of use

Certificate users shall verify with RMS whether this certificate is current, valid, and applies to the latest RMS specification version, when using in situations where current validity is required.

D) Related Certification History.

Certificate #	Issued	EV#	Description or change details
1604-TSC4-1-1	18 th April, 2016		1604-TSC4-1-1 has been renewed and superseded by this certificate