



Intelligent Transport Systems

Type Approval

Certificate No:	ITS-TAN000103
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Issued to:

Tyco Traffic and Transportation

For:

Eclipse Traffic Controller - Logic Module			
TfNSW Specification:	TSI-SP-069	Version:	1.0

Summary Scope:

The Eclipse Logic Module is for mounting in TSI-SP-069 (previously TSC/4) approved traffic controller housing and providing up to 32 signal group outputs, 48 vehicle detector arrangement and 24 external input configuration.

Compliant with functionality provided by SCATS TRAFF 20 VC6.1 build 1 (date Nov 2015) supporting SCATS communication protocol VC6.1.

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

Evaluation Reference:	ITS-EV00216	Approver	Manager TSI
Approver Signature:	<i>Raj J Roychoudhry</i>	Date	28 February 2020

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

Tyco Software Suite no V2.0.4

Eclipse Traffic Controller comprises of Logic Modules of:

	Tyco Part No	Revision No
16 Signal groups	895910221000	3
24 signal groups	895910222000	3
32 signal groups	895910223000	3
8 Signal groups for 16SG rack size	895910221020	2
8 Signal groups for 8SG rack size (suit EA)	895910220000	3

Eclipse Traffic Controller contains one or more of the following modules:

	Tyco Part No	Revision Nos
Central Processor Module (CPM)	895910321750	Rev 1B
Lamp Control Module (LCM)	895910321550	Rev 1
Loop Detector Module (LDM)	895910321700	Rev 1B
Power Supply Module (PSM)	895910321650	Rev 1B

Central Processor Module (CPM) Bootstrap: V1.09.0762; Traffic Manager: 2.21 V3.03.0410,
includes Build version TRAFF C24V6.1R20 Build 1

Lamp Control Module (LCM) V2.24.2728
Loop Detector Module (LDM) V1.13.0962
Power Supply Module (PSM) V2.09.0913

Note: the revisions of Hardware and Software, to as per the date of this approval

B) Summary of 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 Number	Issued	EV Number	Description or change details
ITS-TAN000079	13/8/2018	TS-EV00101	Previously cert for VC5