



Intelligent Transport Systems

# Type Approval

**Certificate No:**

**ITS-TAN000079**

Issued to:

**Tyco Traffic and Transportation**

For:

**Eclipse Traffic Controller - Logic Module**

<b>RMS Specification:</b>	<b>TSC/4</b>	<b>Version:</b>	<b>Amend 1 &amp; 2</b>
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Summary Scope:

The Eclipse Logic Module is for mounting in TSC/4 approved traffic controller housing and providing up to 24 signal group outputs, 24 vehicle detector arrangement and 16 or 32 external input configuration.

Compliant with functionality provided by SCATS TRAFF 20 build 27 (Mar 2010) supporting SCATS communication protocol VC5.

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

<b>Evaluation Reference:</b>	<b>ITS-EV00101</b>	<b>Approver</b>	<b>Manager TSI</b>
<b>Approver Signature:</b>	<i>Steven Shaw</i>	<b>Date</b>	<b>13/08/2018</b>

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

The Logic Module (LM08 for 8 signal groups; LM16 for 16 Signal groups and LM24 for 24 signal groups) designed for Tyco Eclipse Traffic Controller contains one or more of the following modules (the revisions of Hardware and Software, to the date of this approval):

	<b>Tyco Part Numbers</b>	<b>Revisions</b>
Central Processor Module (CPM)	4002 150 80210	1F 23
Lamp Control Module (LCM)	4002 150 80180	21
Loop Detector Module (LDM)	4002 150 80200	10
Power Supply Module (PSM)	4002 150 80190	21

Tyco Software Suite 1.4.1

Central Processor Module (CPM) Bootstrap: 1.07 (0722); Traffic Manager: 2.21 (9562)  
Includes TRAFF C24V5R20 Build 27

Lamp Control Module (LCM) 2.14 (2506)  
Loop Detector Module (LDM) 1.06 (0729)  
Power Supply Module (PSM) 2.07 (0907)

**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
1605-TSC4-1-1	18 <sup>th</sup> May, 2016		1605-TSC4-1-1 has been renewed and superseded by this certificate