



Intelligent Transport Systems

Type Approval

Certificate No:

ITS-TAN000064

Issued to:

Aldridge Traffic Controllers Pty Ltd

For:

ATSC4 Traffic Signal Controller - Logic Rack

RMS Specification:

TSC/4

Version:

Amend 1 & 2

Summary Scope:

Traffic signal controller logic rack for mounting in a typical TSC/4 approved housing and providing up to 24 signal group outputs, 24 vehicle detector arrangement and 16 external input configuration. Compliant with functionality provided by SCATS TRAFF 20 build 29 (April 2012) supporting SCATS communication protocol VC5.

Evaluation Reference:	ITS-EV00097	Approver	Manager TSI
Approver Signature:	<i>Farzad Naziri</i>	Date	14/06/2018

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

Logic Rack (TC416-06-0A for 16 Signal groups or TC424-06-0A for 24 signal groups) of ATC ATSC4 Traffic Signal Controller contains one or more of modules (the latest revisions of Hardware and Software, to the date of this approval):

- Logic Processor Module (LPM): TC400-045-0HD; 2014-06-V1.05
with Processor Daughter Board: TC400-053-0B; 20160403V8.4
- External Interface Module (EIM): TC400-065-0I; 2016-05-V2.01
External Interface Module – Special: TC400-165-0B; 2017-05-V1.04
- Vehicle Detector Module (VDM): TC416-080-AB; 2012-10-V1.06
- 4 Signal Group Output Module (OPM): TC400-040-0J; 2010-11-V1.06
- 4 Group NexGen Output Module: TC400-240-0BB; 2011-07-V1.08
- Power Supply Module (PSM): TC400-025-0JA; 2013-07-V2.05
with Conflict Monitor Module: TC400-036-0GC; 2013-07-V2.05

Optional Modules:

- Special Facility Module (XFM): TC400-055-0C; 2010-11-V1.03
- Switch Board Module (SBM) - 16 switches: TC400-067-0C; 2011-07-V2.02
- 8 switches: TC400-167-0C; 2011-07-V2.02

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
1306-TSC4-1-1	17 June, 2013		Renewal certificate