



Intelligent Transport Systems

Type Approval

Certificate No:	ITS-TAN000150
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Issued to:

HMI Technologies

For:

Device Type	Integrated Speed and Lane Use Signs		
TfNSW Specification:	TSI-SP-011	Version:	7.0

Summary Scope:

ISLUS Types B and C. LV and ELV variants. Protocol TSI-SP-003.

Evaluation Reference:	ITS-EV00342	Approver	Snr Manager Specifications and Evaluations
Approver Signature:	<i>Raj J Roychoudhry</i>	Date	23rd Feb 2024

A) Description and itemisation of the equipment covered by the Type Approval:

Integrated Speed and Lane Use Signs, Types B and C. Includes both LV and ELV variants. Protocol TSI-SP-003. Group controller model GC-2619. The applicable models are:

Sign Type	Supply voltage	HMI model number
B	LV	ISLUS-B-02
	ELV	ISLUS-B-02-ELV
C	LV	ISLUS-C-01
	ELV	ISLUS-C-01-ELV

A roadside cabinet was not part of the submission, so is not covered by this certificate.

B) Summary of deviations from specified requirements

Nil.

C) Relevant Specifications, Drawings and Standards:

TSI-SP-011 v7.0, TSI-SP-003 v5.0, AS5156: 2020, TSI-SP-062 v1.0 and TSI-SP-012 v2.0.

D) Conditions of use

1. A roadside cabinet evaluated as compliant with TSI-SP-011 and connected as detailed in the manuals for this product will need to be provided.
2. The roadside cabinet and its connections may be supplied by either HMI or a third party.

E) Related Certification History.

Certificate Number	Issued	EV Number	Description or change details
ITS-AN000040	4/3/2019	ITS-EV0178	Type C, LV variant only.