



Transport  
for NSW

Intelligent Transport Systems

# Type Approval

<b>Certificate No:</b>	<b>ITS-TAN000133</b>
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Issued to:

Aldridge Traffic Controllers Pty Ltd

For:

Device Type	Line Transient Protection Unit		
TfNSW Specification:	TSI-SP-069	Version:	1.0

Summary Scope:

Model: ATSC4 Line Transient Protection Unit (LTPU)

Model Number: TC430-10

Evaluation Reference:	ITS-EV000318	Approver	Snr Manager Specifications and Evaluations
Approver Signature:	<i>Raj J Roychoudhry</i>	Date	30 <sup>th</sup> May 2023

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

The ATSC4 Line Transient Protection Unit comprising:

- Self-contained box made from polycarbonate material housing the Unit’s PCB and associated transient surge protection components,
- Two M4 banana sockets for connection to incoming telecommunications line,
- An RJ11 socket for connecting communication line with controller Modem and a terminal pad on its PCB for wire connection to protective earth of controller,
- Gas Arrestors type EPCOS B88069X1630T602 & EPCOS B88069X5470C253,
- Informational amendments in comparison with ATC Line Transient Unit (Type approval Certification No.: ITS-TAN000104), Type-approval assessment of the LTPU is based on its Technical Manual (ATC Document Part No.:430-TM-014 V1.3).

**B) Summary of deviations from specified requirements**

Nil

**C) Relevant Specifications, Drawings and Standards:**

TfNSW Specification: TSI-SP-069 Control Equipment for Road Traffic Signals

**D) Conditions of use**

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

**E) Related Certification History.**

Certificate Number	Issued	EV Number	Description or change details
ITS-TAN000104	1/6/2020	ITS-EV0217	Original approval of ATC Line Transient Unit