

Product Type Approval Certificate

Restricted

This certificate is issued to:

Supplier name and address:	Noja Power Australia 16 Archimedes Pl, Murarrie QLD 4172
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In respect of:

Manufacturer:	Noja Power
Country of manufacture:	16 Archimedes Pl, Murarrie QLD 4172, Australia
Product description:	<p>Model: Noja Power OSM15-310 Recloser System 15.5kV Recloser for use at pole mounted distribution substations in the Sydney Trains Electrical Network</p> <ul style="list-style-type: none">• Rated voltage (U_r) = 15.5kV• Rated current (I_r) = 800A• Rated short-time withstand current (I_k) = 16kA rms• Rated duration of short-time current (t_k) = 3 sec• Lightning impulse withstand voltage (U_p) = 110kV• Rated operating sequence: O – 0.3s - CO - 3min – CO• Solidly insulated (no SF₆ or oil) <p>The system also includes a RC10 cubicle that houses:</p> <ul style="list-style-type: none">• Relay module (OP10-1-E)• Switchgear interface module (SIM-01)• 12V DC 50 Ahr battery (Drypower 12GB50C)

	<p>There is an externally mounted auxiliary supply VT:</p> <ul style="list-style-type: none"> 11kV/240V VT (Part no: VT11/240)
Use approved for:	Use on the Sydney Trains 11 kV AC network
Conditions of approval:	<p>This is a restricted type approval, see the limitations section of this certificate.</p> <p>A typical set of drawings (Newnes Junction Pole Top Substation) are as follows:</p> <ul style="list-style-type: none"> EL 0855314 to EL 0855332 (inclusive) <p>A typical set of installation drawings (Newnes Junction Pole Top Substation) are as follows:</p> <ul style="list-style-type: none"> Pole top arrangement: EL 0843995 to EL 0844004 (inclusive) Auxiliary Control Panel: EL 0844005 to EL 0844006 (inclusive) <p>The above drawings are specific to Newnes Junction. If they are used elsewhere, the design TAO must evaluate their suitability for the new location.</p> <p>The remote communications system is disabled and not in use.</p> <p>A type approved surge arrestor shall be used with this installation.</p>
Limitations:	<p>The following restrictions are in place:</p> <ol style="list-style-type: none"> The Noja Power Recloser System shall be installed with the type approved load break switch, see PTA EL 010 2025.

Evaluating rail transport operator

Name:	Lidija Dumbaloska
Position:	Director Energy Networks & Systems, PAM Branch, Transport for NSW
Signature:	<i>L Dumbaloska</i>
Date:	6 August 2025

Product approval pack, objective reference number: qA8779368