



Product Type Approval Certificate

Full

This certificate is issued to:

Supplier name and address:	Schneider Electric Australia Pty. Ltd 78 Waterloo Road, Macquarie Park, New South Wales 2113
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In respect of:

Manufacturer:	Schneider Electric
Place of manufacture:	Rathenaustrasse 2, 93055 Regensburg, Germany
Product description:	Switchgear model: VOX36 33kV dead tank, outdoor AC circuit breaker with vacuum interrupters housed in a sealed SF6 tank, rated short time withstand current of 25kA for 3 sec, complete with: <ul style="list-style-type: none">• 1250A current rating• Class A (25kA/1A) internal arc classification• 200kV peak lightning impulse withstand voltage• 80kV power frequency withstand voltage• SCADA controlled manufactured to ASA standard EP 01 00 00 05 SP V1.1.
Use approved for:	Use on the RailCorp 33kV AC network
Conditions of approval:	Type approval is valid for the dead tank AC circuit break as detailed on the following ASA General drawings: <ul style="list-style-type: none">• EL 0627352, Rev B – Type A general arrangement (LV cabinet door opens upwards). <i>See note</i>• EL 0789363, Rev A – Type B general arrangement (LV cabinet door opens to the side). <i>See note</i>• EL 0627353, Rev A – Schematic diagram• EL 0627354, Rev A – Bill of material and legend• EL 0627355, Rev A – LV cabinet• EL 0627356, Rev A – Labels

	<ul style="list-style-type: none"> • EL 0627357, Rev A – Termination palm details • EL 0627358, Rev A – Rating plate <p><i>Note: The design AEO shall consider the safety of the operator working to the SADs of an “Authorised Persons” as detailed in SMS-06-GD-0268 in the O&M phase of the asset lifecycle when opening/closing the LV cabinet door due to the proximity of the exposed 33kV busbar above. The type B general arrangement has an alternative LV cabinet door orientation which provides an approved design option for use where SADs cannot be maintained for the type A general arrangement.</i></p>
Limitations:	N/A

Evaluating rail transport operator

Name:	Terry Niemeier
Position:	Lead Electrical Engineer, Asset Standards Authority, Transport for NSW
Signature:	<i>T Niemeier</i>
Date:	30/10/2020

Product approval pack reference number: qA573297