



Product Type Approval Certificate

Full

This certificate is issued to:

Supplier name and address:	ABB Australia Pty Ltd. 88 Beresford Rd, Lilydale, VIC, 3140, Australia
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In respect of:

Manufacturer:	ABB Xiamen Electrical Controlgear Co, Ltd.
Place of manufacture:	No. 599, Well Road, Xiamen, Fujian, 361009, China
Product description:	Model: ABB Sectos NXB 24C LBS 11kV Load Break Switch (LBS) for use at pole mounted distribution substations in the RailCorp Electrical Network. Device characteristics: <ul style="list-style-type: none">• Rated Voltage (U_r) 24kV• Rated current 630A• Rated short duration power frequency withstand voltage (U_d) 50 kV rms• Lightning impulse withstand voltage (U_p) 125kV• Rated short-time withstand current (I_k) 20kA rms• Rated peak short circuit making capacity (I_p) 50kA• Rated duration of short-time current (t_k) 4 sec• Ingress protection IP67
Use approved for:	Use on the RailCorp 11kV
Conditions of approval:	Type approval is valid for the 11kV LBS as detailed on the following set of typical drawings for the RailCorp Electrical Network: <ul style="list-style-type: none">• EL 0719211-12 General arrangement & parts list (Rev B)

Limitations:	N/A
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Evaluating rail transport operator

Name:	Lidija Dumbaloska
Position:	A/Director Energy Networks & Systems, Asset Management, Transport for NSW
Signature:	<i>L. Dumbaloska</i>
Date:	7 th June, 2021

Product approval pack reference number: qA897863