

Product Type Approval Certificate

Full

This certificate is issued to:


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

Manufacturer:	Schneider Electric Australia Pty. Ltd and Schneider Electric – SBMLV (construction of RM6 base tank)
Place of manufacture:	88 Sydney Road, Benalla, Victoria 3672 and No.2 Liang Shui He 2nd Street, Beijing Economic & Technology Development Zone, BDA, Beijing
Product description:	11kV gas insulated switchgear, Ring Main Unit (RMU), Internal arc withstand 20kA for 1s, complete with <ul style="list-style-type: none"> • 630A busbar • AFL internal arc classification • 630A Feeder - fault make, load break switch- disconnecter unit, model NE-I (non-extensible) • 200A Transformer Tee-off switch fuse unit, model NE-Q (non-extensible) • 200A Transformer Tee-off circuit breaker unit, model NE-D (non-extensible) • 11kV surge arresters (located on feeders if required) • Fault indicators (optional on all RMU feeder switch units) <p>manufactured to ASA standard EP 01 00 00 03 SP</p>
Use approved for:	Use on the RailCorp 11kV ac network
Conditions of approval:	<ul style="list-style-type: none"> • For use in indoor and distribution padmount substations

	<ul style="list-style-type: none"> • Raychem RSTI-58xx cable termination kits shall be used (need to match the core insulation diameter of the type approved cable) • Raychem cable termination kits shall be installed as per TE Installation Instruction EPP-0982-1/11 • Cable screens on the individual cores shall be continuous through the trifurcation boot. See Installation Instruction EPP-1578-AU-5/09 for more information. <p>Type approval is valid for applications as detailed on the following set of General drawings:</p> <ul style="list-style-type: none"> • EL 0282072, Rev C - Distribution padmount SS, RailCorp & back up power supply with UPS schematic diagram • EL 0494650, Rev C - Distribution padmount SS, RailCorp dual supply schematic Diagram • EL 0474470, Rev C – Distribution padmount SS, Signals Power Supply with UPS schematic diagram (close to signals locations) • EL 0494648, Rev A - Distribution padmount SS, 11kV/415V, 500kVA distribution transformer schematic diagram • EL 0480481, Rev A – Distribution padmount SS, type 2 general arrangement • EL 0524979, Rev A - Distribution padmount SS, insulated earthing arrangement • EL 0480394, Rev A - Distribution padmount SS, earthing arrangement
Limitations:	N/A

Evaluating rail transport operator

Name:	Terry Niemeier
Position:	Lead Electrical Engineer, Asset Standards Authority, Transport for NSW
Signature:	
Date:	26/6/2019

Independent safety assessor

Name:	N/A
Position:	
Signature:	
Date:	

Independent technical reviewer

Name:	N/A
Position:	
Signature:	
Date:	

Product approval pack reference number: fA1109267