

Product Type Approval Certificate

This certificate is issued to:

Supplier:	ABB Australia Pty Ltd
	88 Beresford Road, Lilydale Victoria 3140

In respect of:

Manufacturer:	ABB
Place of manufacture:	Jurastrasse 45, CH-5430 Wettingen, Switzerland
Product description:	Surge arrester, ABB product code: MWK 30, touch proof, gapless metal oxide (MO) surge arrester. Continuous Rating (U_c): 30 kV rms Rated voltage (U_r): 37.5 kV rms Rated discharge surge current 10 kA, 8/20 μ s Max residual voltage 8/20 μ s, 5 kA: 87.0 kV Max residual voltage 8/20 μ s, 10 kA: 92.1 kV
Use approved for:	Use on the RailCorp 33kV AC network
Product information pack reference	qA775495 (objective file reference)
Conditions of approval:	Any deviation from the ABB product code or electrical parameters will require resubmission to ASA for technical evaluation.
Limitations:	Only outdoor applications
Notes / Comments:	N/A

Approval

ASA Lead Engineer:	Neal Hook, Asset Standards Authority
Position:	Lead Electrical Engineer
Contact details:	Neal.Hook@transport.nsw.gov.au
Signature:	
Date:	7 th December 2017

Independent safety assessor:	N/A
Position:	
Contact details:	
Signature:	
Date:	