

Asset Standards Authority (internal use only)		
Product information pack reference	fA799149	

PTA EL 124/2017

Product Type Approval Certificate

This certificate is issued to:

Supplier:	Mitsubishi Electric Australia and NHP
	348 Victoria Road, Rydalmere, NSW 2116 (Mitsubishi Electric Australia) and 30-34 Day St N, Silverwater NSW 2128 (NHP)

In respect of:

Manufacturer:	Mitsubishi Electric Australia (1500V DCCB type BHF-30B) and Microelectrica Scientifica (UMLE relay)	
Place of manufacture:	Marugame, Japan (DCCB) & Buccinasco, Italy (relay)	
Product description:	1. 1500V Mitsubishi DCCB (non-imported), type BHF-30B	
	2. 1500V DC feeder protection relay:	
	• 90-250V dc, compatible with a type 2 power supply	
	Single bus V	
	 Current and voltage input 0 – 20 mA 	
	Relay Type: U-MLEs-Ts (touch screen)	
	Version PLV850	
	• Firmware version: 0832.35.01.A	
	NHP item code: UMLESPLSTS22111	
Use approved for:	1500V Mitsubishi Feeder DCCB, type BHF-30B with protection incorporating Inter trip and Delta I functions for use in the RailCorp electrical network.	
Product information pack reference	A5785778 (objective reference)	
Conditions of approval:	Type approval is valid for applications as detailed on the following	

	set of General drawings:
	EL 0588752, Rev B – block diagram
	EL 0588757, Rev F – schematic diagram
	EL 0588758, Rev E – wiring diagram
	EL 0588759, Rev D – assembly details
	EL 0588760, Rev C – mounting details
	Local Instruction, D 77603 – Maintenance Instruction Inter-trip Protection Test
	Local Instruction, D 77601 – Maintenance Instruction – Data Retrieval
Limitations:	
Notes / Comments:	It is the document user's responsibility to ensure that the copy of Sydney Trains Local Instructions is the current version

Approval

ASA Lead Engineer:	Chris Lilly, Asset Standards Authority
Position:	A/Lead Electrical Engineer
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Signature:	
Date:	

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