

Product Type Approval Certificate

Full

This certificate is issued to:

Supplier name and address:	Coast Electrical Industries Pty Ltd 15 West St, Wollongong, NSW, 2500
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In respect of:

Manufacturer:	Illawarra Transformers
Place of manufacture:	15 West St, Wollongong, NSW, 2500
Product description:	LV isolating transformer manufactured to TfNSW standard TS 03781 (T HR EL 17002 SP V1.0). Environment class - E0 Climatic class - C1 Fire behaviour class - F0
Use approved for:	Use on the TfNSW heavy rail LV distribution network.
Conditions of approval:	Type approval is valid for the dry type isolating transformers as detailed on the following set of general drawings: 240V/120V, 10kVA, single phase isolating transformer <ul style="list-style-type: none"> • EL 0785189, Rev A – General arrangement (Type A) • EL 0785190, Rev A – General arrangement (Type B) • EL 0785193, Rev A – Rating and terminal plate 240V/240V, 25kVA, single phase isolating transformer <ul style="list-style-type: none"> • EL 0785191, Rev A – General arrangement (Type A) • EL 0785192, Rev A – General arrangement (Type B) • EL 0785194, Rev A – Rating and terminal plate

	<p>415V/415V, 20kVA, single phase isolating transformer</p> <ul style="list-style-type: none"> • EL 0863461, Rev A – General arrangement • EL 0863463, Rev A – Rating and terminal plate <p>415V/415V, 40kVA, single phase isolating transformer</p> <ul style="list-style-type: none"> • EL 0863462, Rev A – General arrangement • EL 0863464, Rev A – Rating and terminal plate <p>415V/415V, 75kVA, three phase isolating transformer</p> <ul style="list-style-type: none"> • EL 0815622, Rev A – General arrangement • EL 0815625, Rev A – Rating and terminal plate <p>415V/415V, 100kVA, three phase isolating transformer</p> <ul style="list-style-type: none"> • EL 0777655, Rev A – General arrangement • EL 0777656, Rev A – Rating and terminal plate • EL 0777657, Rev A – Terminals • EL 0777658, Rev A – Internal Details <p>415V/415V, 200kVA, three phase isolating transformer</p> <ul style="list-style-type: none"> • EL 0841223, Rev A – General arrangement • EL 0841225, Rev A – Rating and terminal plate • EL 0841228, Rev A – Terminals <p>Contact the Principal Engineer Substations & HV Network, AMB for the type approval requirements of isolating transformers with a power rating other than ones specified on this certificate.</p> <p>Primary and secondary voltages other than the ones specified on this certificate are subject to type approval.</p>
Limitations:	N/A

Evaluating rail transport operator

Name:	Mo Mansour
Position:	A/Director Energy Networks & Systems
Signature:	<i>Mmansour</i>
Date:	10/8/2023

Product approval pack reference number: fA1333010, fA1449253, fA12337273 & fA13695957, fA14956996