

# Product Type Approval Certificate

## *Full*

This certificate is issued to:


<b>Supplier name and address:</b>	GE Grid Australia Pty Ltd Level 12, 32 Phillip Street Parramatta NSW 2050
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In respect of:

<b>Manufacturer:</b>	GE Grid LLC
<b>Place of manufacture:</b>	1 Power Lane, Charleroi, PA 15022, USA
<b>Product description:</b>	GIS, 66kV outdoor dead tank ACCB: <ul style="list-style-type: none"> <li>• model DT1-72.5Fk F1</li> <li>• rated short time withstand current 40kA for 3 sec</li> <li>• current rating 2000A</li> <li>• maximum voltage 72.5kV</li> <li>• impulse withstand 350kV</li> <li>• interrupter current rating 40kA</li> <li>• SCADA control</li> </ul>
<b>Use approved for:</b>	Use on the RailCorp 66kV ac network
<b>Conditions of approval:</b>	For use in outdoor traction substations and HV switching stations  Type approval is valid for applications as detailed on the following set of General drawings: <ul style="list-style-type: none"> <li>• EL 0749665, Rev A - 66kV ACCB general arrangement</li> <li>• EL 0749666, Rev A, 66kV ACCB legend</li> <li>• EL 0749667, Rev A, 66kV ACCB protection and control schematic</li> <li>• EL 0749668, Rev A, 66kV ACCB SCADA alarms and spare contacts</li> <li>• EL 0749669, Rev A, 66kV ACCB heater, GPO, and light schematic</li> <li>• EL 0749670, Rev A, 66kV ACCB terminal layout</li> <li>• EL 0749671, Rev A, 66kV ACCB mechanism control devices details</li> <li>• EL 0749672, Rev A, 66kV ACCB aux relays and fuses details</li> </ul>

	<ul style="list-style-type: none"> <li>• EL 0749673, Rev A, 66kV ACCB marshalling cubicle layout</li> <li>• EL 0749674, Rev A, 66kV ACCB marshalling cubicle bill of material</li> <li>• EL 0749675, Rev A, 66kV ACCB current transformers details</li> <li>• EL 0749676, Rev A, 66kV ACCB GAS schematic &amp; rating plate</li> <li>• EL 0749677, Rev A, 66kV ACCB bushing arrangement</li> <li>• EL 0749678, Rev A, 66kV ACCB labels schedule</li> </ul>
<b>Limitations:</b>	N/A

## Evaluating rail transport operator

<b>Name:</b>	Terry Niemeier, Asset Standards Authority
<b>Position:</b>	Lead Electrical Engineer, Asset Standards Authority, Transport for NSW
<b>Signature:</b>	
<b>Date:</b>	15/08/2019

**Product approval pack reference number:** qA871460