



AUSTRALIAN RAIL TRACK CORPORATION

Certificate No.: **S-05-10-093**

NEW EQUIPMENT & SYSTEM APPROVAL CERTIFICATE

Approval date: 17 July 2010

Approved by: ARTC Risk & Safety Committee

Report no.: TAS-05-1006-PH102

Report date: 28 June 2010

This certificate is issued to:

Supplier: Phoenix Contact
130-140 Parraweena Road
Miranda
NSW 2228

In respect of:

Manufacturer: Phoenix Contact

Product description: **QUINT LOW VOLTAGE DC POWER SUPPLIES**

Item identification:

QUINT-PS-100-240AC/12DC/10	(model no. 2938811)
QUINT-PS-100-240AC/24DC/5	(model no. 2938581)
QUINT-PS-100-240AC/24DC/10	(model no. 2938604)
QUINT-PS-100-240AC/48DC/5	(model no. 2938248)
QUINT (PS)/1AC/24DC/20	(model no. 2866776)
QUINT (PS)/1AC/24DC/10	(model no. 2866763)
QUINT (PS)/1AC/24DC/5	(model no. 2866750)
QUINT DIODE/40	(model no. 2938963)

Application: Signalling equipment power supply
Entire ARTC Network

Relevant Standards: SPS 02 – Environmental Conditions
SPS 05 – Electrical & Electronic Components (Ratings & Construction Requirements)
SPS 22 – Power Supply Units for Signalling Equipment – General Requirements
SPS 30 – Power Supply Units for Signalling Equipment – DC (Regulated and Filtered) Units

Conditions of Approval:

1. The product shall be used in equipment housings that meet the product temperature requirements.
2. Product is to be mounted in accordance with user manual.
3. The wiring used in the connections shall not exceed the stated products maximum. This is 2.5mm² for the power supplies and 16mm² for the diode unit.
4. The correctly rated device shall be used for the required application.

A general condition of approval is that the supplier remains accredited to ISO 9001 specifically for these products and ARTC is advised on a 12 monthly basis that accreditation is current. ARTC reserves the right to conduct its own audit of the manufacture and supply of these components to AS 19011.

Any subsequent change to the design, materials or manufacturing process is not covered by this approval. The manufacturer should notify ARTC of any modification or changes in order to obtain a valid certificate.

Issue date: 11 August 2010

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Issued by:

John Furness
ARTC Manager Standards