

NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

Certificate No. S 05-1703-204A

Approval date 29 /11/ 2018
 Approved by GM Technical Standards
 Report no. TAS 05-1703-PC204A
 Report date 17 August 2018

This certificate is issued to

Supplier Phoenix Contact
 Unit 7, 2-8 South Street
 RYDALMERE 2116

In respect of

Manufacturer Phoenix Contact

Product description Quint 4- Power Supplies (AC Input to DC Output)

- Quint4-PS/1AC/48DC/5
- Quint4-PS/1AC/48DC/10
- Quint4-PS/1AC/12DC/15
- Quint4-PS/1AC/24DC/5
- Quint4-PS/1AC/24DC/10
- Quint4-PS/1AC/24DC/20

Item identification Refer to Approved Item List.

Application ARTC Network Wide

Relevant Standards SPS 02 Environmental Conditions
 SPS 05 Electrical & Electronic Components (Ratings & Construction Requirements)
 SPS 22 Power Supply Units for Signalling Equipment – General Requirements
 ESD-09-01 Signalling Power Systems
 SPS 28 Power Supply Units for Signalling Equipment – DC Filtered Units

Conditions of Approval

General	1. The units are suitable to be installed in equipment housings where temperatures do not exceed 60°C. Derating must be considered between >60° to a maximum temperature of 70° at 2.5%/K.
	2. A crimped 'boot lace' ferrule must be used when terminating indication wires to the front of the unit.
	3. There are no field serviceable components within the unit; any failed

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	<i>units shall be replaced.</i>
<i>Supplier</i>	<p>4. <i>The supplier/manufacturer must advise ARTC of any changes made to the product or system which may alter its identification, performance characteristics, form, fit, function or processes required for correct usage so that this approval can be revised or reviewed.</i></p> <p>5. <i>A general condition of approval is that the supplier/manufacturer 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 AS19011.</i></p> <p>6. <i>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 updated certificate.</i></p>

Note/Comments NIL

Issue date 29/11/2018

Expiry date N/A

Issued by

John Furness
ARTC Manager Standards

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Approved Item List – Quint 4 Power Supplies

Part Number	Description	OUTPUT CURRENT RATING (A DC)
2904608 - Quint4-PS/1AC/12DC/15	120V AC (input) to 12V DC (output) power supply	15
2904610 - Quint4-PS/1AC/48DC/5	120V AC (input) to 48V DC (output) power supply	5
2904611 - Quint4-PS/1AC/48DC/10	120V AC (input) to 48V DC (output) power supply	10
2904600 - Quint4-PS/1AC/24DC/5	120V AC (input) to 24V DC (output) power supply	5
2904601 - Quint4-PS/1AC/24DC/10	120V AC (input) to 24V DC (output) power supply	10
2904602 - Quint4-PS/1AC/24DC/20	120V AC (input) to 24V DC (output) power supply	20
Other Items		
2909681 - TWN4 MIFARE	Programming Adaptor - TWN4 MIFARE NFC USB adaptor	