

Certificate No. NESA-S045 (v1.0) (Supersedes S-05-10-093)

Approval date 10/02/2020
Approved by GM Technical Standards *P.N. Lifer*
Report no. NESA-S046
Report date 31 October 2019

This certificate is issued to

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

In respect of

Manufacturer Phoenix Contact

Product description

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 - 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
 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.
5. A separate diode block is not required when configured in redundant (N+1) arrangements.
6. The unit must not be used for the charging of a battery.

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.

Note/Comments

MJ Jain

Issue date

10/02/2020

Expiry date

N/A

Issued by

Mayank Jain

Manager Signalling Standards