

Intertek



Intertek

The **ASTA Diamond Mark** is a symbol of electrical safety. It provides evidence for customers and authorities that Intertek has independently tested and certified the product's compliance to applicable safety standards, also that Intertek monitors production and testing to ensure subsequent production continues to comply with stated standards.

This Licence is valid until the review date or earlier if preceded by the withdrawal of the Approval Standard or otherwise withdrawn by the Certification Body. Current validity status can be confirmed by contacting: Intertek (ASTA office)
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Meridian Business Park
Leicester
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United Kingdom
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asta@intertek.com

Details of Approved variants, components and sites are given on Endorsements to this Licence (2 pages)



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www.intertek.com

ASTA Licence

This Licence authorises use of the

ASTA Diamond Mark

Licence No. 845

Organisation:

Neutrik AG

Im Alten Riet 143, Li-9494 Schaan, Liechtenstein

Product:

Designation:

Colour(s):

250 Volts a.c. 50 Hz

Protection degree IP2X

Nonstandard 5 pole (2P + 3PE) connection system for use in power distribution systems for IT equipment

Approval Standard:

Connector

PowerCon NAC3-2FC & NAC3-2MP

Grey

32 Amperes

Pollution degree 2

IEC 61984: Edition 2.0 2008-10

Issue number:

5

Review date:

30th June 2018

Factory Reference:

NEUTUK.01

R W Hayward

Name

Signature

6th July 2016

Date

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To minimise the possibility of any misunderstanding such claims must clearly identify the product(s) certified or approved, the ratings verified by ASTA and the Standard against which certification/approval has been made.

Any other use of the Intertek or ASTA names must first be approved in writing by Intertek. Test results and ratings proven by testing included in ASTA Certificates and ASTA Test Reports relate specifically to the sample(s) tested.

Types of ASTA Certificates

Certificates are issued when samples of a particular product design have been tested satisfactorily against the requirements of a National, European, International or ASTA Standard. Several forms of Certificate are available, including:

Certificate of Complete Compliance

Verifies compliance with all the requirements of a Standard

Certificate of Type/Verification Tests

Verifies complete series of type/verification tests prescribed in a Standard has been made successfully.

Certificate of Selected Type/Verification Tests

Verifies specified type/verification tests have been made successfully

Supplementary Certificate

Extends the scope of an existing Certificate to cover changes in rating or in design

ASTA Test Report

An ASTA Test Report is issued when tests otherwise satisfactory cannot be included in a Certificate for one or more reasons, e.g. verification of non-standard ratings

ASTA Licences and ASTA Diamond Mark

The use of the ASTA Diamond Mark on products is authorised by an ASTA Licence. Products covered by an ASTA Licence can be referred to as ASTA Approved. Requirements for ASTA Licences include testing for full compliance with relevant standards and satisfactory, on-going assessment of production. Validity and use of ASTA Licences are subject to compliance with Intertek Certification Regulations.

Authenticity

Authenticity of any ASTA document can be confirmed by contacting the Intertek office detailed on the front of this Licence.

Approved sites for manufacture/production:

Components & Assembly – Neutrik (UK) Ltd
Westridge Business Park
Cothey Way
Ryde
Isle of Wight
PO133 1QT
United Kingdom

Conditions for maintenance of Licence:

- 1) Compliance with Certification Regulations.
- 2) Inspection of manufacturing facilities each year with satisfactory outcome.
- 3) Surveillance testing of production samples at required intervals with satisfactory outcome.
- 4) Satisfactory actions in the event of any compliance and/or safety issues becoming known after product has been supplied.
- 5) Prompt payment of invoices.

Licence Renewal:

Licence fee will be invoiced annually during the month of December.

The Licence document will be reissued following any changes advised or variants tested.

A fee may be charged for reissue.

Surveillance samples:

Samples are required to be tested in accordance with Intertek surveillance testing programmes.

Samples should preferably be selected during scheduled Factory inspection visits.

The fee for testing will be invoiced at the time of testing. A summary of testing will be provided.

Use of the ASTA Mark:

The ASTA Mark may be used on the product and in marketing material relating to the product, as permitted by the Certification Regulations.

The Licence number should be marked on the product (mandatory on BS 1363 plugs, where feasible on other products) in a form agreed by Intertek, such as "Approved by ASTA Licence no. 845".

Marketing of product with alternative designation(s) or brand name(s):

This Licence relates only to products specifically described herein. Any alternative designations and/or brand names should be advised to Intertek. The Licence will then be reissued accordingly. Alternative brand names (if applicable) are shown on an Annex to this Licence.

Compliance Testing:

Reason for test	ASTA reference/certificate
Complete compliance	16171
Complete compliance (IEC 61984 Ed. 2.0)	19159

“PowerCon” Features

Nonstandard 5 pole (2P + 3PE) connection system for use in power distribution systems

- Provided with "Pre-mating PE contacts"
- Locking and keying system

Connector – Characteristic Features

TABLE: Characteristic features	
Kind of equipment	Connector
Existence of an enclosure	Unenclosed connector (chassis receptacle only)
	Enclosed connector (cable connector only)
Design of the connector	Fixed connector (chassis receptacle only)
	Free connector (cable connector only)
Additional characteristics	Connector with protective earthing contact
	Connector with cable clamp (cable connector only)
	Connector without cable clamp (chassis receptacle only)
	Connectors without breaking capacity
	Degree of protection of a connector
	Connector without interlock
	Rewirable connector
Pollution degree	2
Over voltage category	III
Operating cycles	500
Bendings	10
Upper temperature limit	According manufacturer's declaration = +90 °C
Lower temperature limit	-25 °C
Type of conductor	Flexible
Termination and connection	Screw-type clamping units
Values for cable clamp	9-12 mm (cable connector only)
Rated voltage(s)	250 V
Rated current	32 A
Rated impulse voltage(s)	4 kV
Rated insulation voltage(s)	250 V
Number of poles	2 +E (+2 system grounding connections)
Protection degree (IP-Code)	IP2X
Mounting	Rewirable cable connector: Free Chassis receptacle: Panel-mounting
Wire cross section area or cross section range:	1.5 to 4.0 mm ² (cable connector only)
	2.5 to 6.0 mm ² (chassis receptacle only)