

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Terminal Block**

with type designation(s)
SNK series, PI-Spring terminal blocks

Issued to

Tyco Electronics France S.A.S
Chassieu, Rhone, France

is found to comply with
DNV GL rules for classification – Ships, offshore units, and high speed and light craft

Application :

Products approved by this certificate are accepted for installation on all vessels classed by DNV GL.

Issued at **Høvik** on **2019-06-21**

This Certificate is valid until **2023-12-31**.

DNV GL local station: **Marseille**

for **DNV GL**

Approval Engineer: **Nicolay Horn**

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Trond Sjøvåg
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.



Job Id: **262.1-017054-3**
Certificate No: **TAE00003JU**

Name and place of manufacturer

TE Connectivity Polska Industrial Poland S.p.z.o.o
Grunwaldzka 38
Nowa Wies Leborska, Poland

Tyco Electronics France
Activité Raccordement, 3 rue Jean Perrin-
CS90009- 69687 Chassieu Cedex, France

Product description

Terminal blocks including accessories for installation inside switchboard / enclosure.

SNK series, PI-Spring terminal blocks.

Insulation material: Polyamid 6.6 PA

Type designation	Rated Cross section (mm ²)	Current (A)	Voltage (V)	Description
ZK2.5	2,5	24	1000	Feed-through 2 connections
ZK2.5-3P	2,5	24	1000	Feed-through 3 connections
ZK2.5-4P	2,5	24	1000	Feed-through 4 connections
ZK2.5-PE	2,5	-	-	Ground 2 connections
ZK2.5-PE-3P	2,5	-	-	Ground 3 connections
ZK2.5-PE-4P	2,5	-	-	Ground 4 connections
ZK2.5-D1	2,5	24	800	Double deck with 1 feed-through circuit
ZK2.5-D2	2,5	24	800	Double deck with 2 feed-through circuits
ZK2.5-D1-PE	2,5	-	-	Double deck with 1 ground circuit
ZK2.5-D2-PE	2,5	24	800	Double deck with 1 feed-through circuit and 1 ground circuit
ZK2.5-S	2,5	20	630	Disconnect with blade
ZK2.5-SP	2,5	17	630	Disconnect with plug
ZK2.5-SF	2,5	6,3	500	Fuse holder
ZK2.5-SF-R1	2,5	6,3	500 ⁽¹⁾	Fuse holder + blown fuse indicator 24-110V
ZK2.5-SF-R3	2,5	6,3	500 ⁽²⁾	Fuse holder + blown fuse indicator 115-250V
ZK2.5-S-R1	2,5	20	630	Disconnect with blade
ZK4	4	32	1000	Feed-through 2 connections
ZK4-3P	4	32	1000	Feed-through 3 connections
ZK4-4P	4	32	1000	Feed-through 4 connections
ZK4-PE	4	-	-	Ground 2 connections
ZK4-PE-3P	4	-	-	Ground 3 connections
ZK4-PE-4P	4	-	-	Ground 4 connections
ZK6	6	41	1000	Feed-through 2 connections
ZK6-3P	6	41	1000	Feed-through 3 connections
ZK6-PE	6	-	-	Ground 2 connections
ZK6-PE-3P	6	-	-	Ground 3 connections
ZK10	10	57	1000	Feed-through 2 connections
ZK10-PE	10	-	-	Ground 2 connections
ZK16	16	76	1000	Feed-through 2 connections
ZK16-PE	16	-	-	Ground 2 connections

(1) : Operating voltage limited to 110V due to fuse indicator circuit, rated 24-110V

(2) : Operating voltage limited to 250V due to fuse indicator circuit, rated 115-250V

Type Approval documentation

Tests carried out

Type tests in accordance with IEC 60947-7-1, IEC 60947-7-2 & IEC 60947-7-3. Heat/cold test, Damp heat & Vibration test.

Marking of product

TE and/or Entelec - Type designation according to IEC 60947-7-1 standard, Imprinted on the product.

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval is complied with and that no alterations are made to the product design or choice of materials.

The main elements of the survey are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routines (RT) checked (if not available tests RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Survey to be performed at 2 and 3.5 year and at renewal.

END OF CERTIFICATE