

TYPE APPROVAL CERTIFICATE

Certificate No:

TA000001X
DNV GL

This is to certify:

That the Terminal Block

with type designation(s)

PIK, PYK, PUK and AVK

Issued to

Klemsan Elektrik Elektronik San ve Tic A.S.

Izmir, Turkey

is found to comply with

Det Norske Veritas' Rules for Classification of Ships, High Speed & Light Craft and Det Norske Veritas' Offshore Standards

Application :

For installations inside switchboards/ enclosures.

This Certificate is valid until **2019-06-18**.

Issued at **Høvik** on **2015-06-19**

for **DNV GL**

DNV GL local station: **Istanbul**

Approval Engineer: **Georgy Abramenko**

Marit Laumann
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.

Product description

Type: PIK, PYK, PUK & AVK modular terminal blocks for rail T32, T35.

Insulating material: POLYAMID 66

To be marked:

Manufacturers name: Klemmsan

Type designation: As specified below.

Voltage: As specified below.

Rated cross section: As specified below.

List of sizes:

Type designation	Rated Voltage (V)	Rated Current (A)	Rated Cross-section (mm ²)
AVK 2.5	750	24	2.5
AVK 4	750	32	4
AVK 6	630	41	6
AVK 10	630	57	10
AVK 16	750	76	16
AVK 35	750	125	35
AVK 2.5/4T	NA	NA	4
AVK 6/10T	NA	NA	10
AVK 16/35 T	NA	NA	35
PIK 4 N	500	32	4
PIK 4 NK	500	32	4
PIK 4 ND	500	32	4
PIK 4 ND	500	32	4
PIK 4 NLD	500	32	4
PIK 4 NLD	500	32	4
PUK 3	440	24	2.5
PUK 2T	440	24	2.5
PUK 3T	440	24	2.5
AVK 2.5 RD	800	24	2.5

AVK 2.5 RTD	NA	NA	2.5
AVK 4 RD	800	32	4
AVK 4T RD	NA	NA	4
AVK 16 RD	800	76	16
AVK 16T RD	NA	NA	16
AVK 35 RD	800	125	35
AVK 35T RD	NA	NA	35
PYK 1.5	800	17.5	1.5
PYK 1.5T	800	NA	1.5
PYK 2.5	800	24	2.5
PYK 2.5T	800	NA	2.5
PYK 2.5-2F	500	24	2.5
PYK 2.5-2FT	500	24	2.5
PYK 2.5-3F	500	24	2.5
PYK 2.5-3FT	500	24	2.5
PYK 4	800	32	4
PYK 4T	800	NA	4
PYK 4-2F	500	32	4
PYK 6	800	41	6
PYK 6T	NA	NA	6
PYK 10	800	57	10
PYK 10T	NA	NA	10

Type Approval documentation

Tests carried out

Type tests according to IEC 60947-1 and IEC 60947-7-1

Periodical assessment



Job Id: **262.1-004806-3**
Certificate No: **TAE000001X**

The scope of the retention/renewal survey 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 Production Sample Tests (PST) and Routines (RT) checked (if not available tests according to PST and 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 least every second year.

END OF CERTIFICATE