DNV·GL

Certificate No:
TAE00001FS

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Electric Power Cable

with type designation(s)
EXANE-125 Type P, SP2KV, EXANE-125 Type P, SP

Issued to
RSCC Wire & Cable LLC
East Granby CT, United States

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

Application :

Switchboard Wires.

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

Type	Voltage class (kV)	Temp. class (°C)
EXANE-125 Type P, SP2KV	2 kV	95
EXANE-125 Type P, SP	1 kV	95

Issued at **Høvik** on **2017-05-30**

This Certificate is valid until **2021-06-30**.

DNV GL local station: **New York**

Approval Engineer: **Ivar Bull**

for **DNV GL**

Andreas Kristoffersen
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: **262.1-007169-4**
Certificate No: **TAE00001FS**

Product description

Construction:
Conductor: Tinned stranded copper
Insulation: XLPO (Type P)

No of Conductors	mm^2	AWG range	Type Designation
1	0,96	18	SP-18 (1 kV
	1,23	16	SP-16
	1,94	14	SP-14
	3,08	12	SP-12
	5,53	10	SP-10
	7,57	8	SP-8
	12,5	6	SP-6
	18,6	5	SP-5
	21,5	4	SP-4
	25,6	3	SP-3
	30,7	2	SP-2
	46,0	1	SP-1
	56,3	1/0	SP-1/0
	66,5	2/0	SP-2/0
	92,1	3/0	SP-3/0
	12,5	6	SP2KV-6
	18,6	5	SP2KV-5
	21,5	4	SP2KV-4
	25,6	3	SP2KV-3
	30,7	2	SP2KV-2
	46,0	1	SP2KV-1
	56,3	1/0	SP2KV-1/0
	66,5	2/0	SP2KV-2/0
	92,1	3/0	SP2KV-3/0
	112,6	4/0	SP-4/0
	133,0	262	SP-262
	158,6	313	SP-313
	---	373	SP-373
	225,1	444	SP-444
	271,2	535	SP-535
	327,5	646	SP-646
	393,8	777	SP-777
	562,8	1111	SP-1111

AWG sizes 18 to 8 approved for maximum 1 kV.
AWG sizes 6 and upwards approved for 2 kV.

Application/Limitation

The requirements of SOLAS Amendments Chapter II-1, Part D, Reg. 45, 5.2 (provision to be taken to limit Fire Propagation along Bunches of Cables or Wires) are fulfilled without any additional measures.

Type Approval documentation

Tests carried out

Test according to IEEE1580 and IEC 60332-3 cat. A.

Marking of product

EXANE - 125 Type P – IEEE1580 - Type designation - size of conductors – Voltage – IEC 60332 Cat. A.

Periodical assessment

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

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine Tests (RT) checked (if not available tests according to 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.

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE