DNV·GL

Certificate No:
TAE0000141

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Fused Switch

with type designation(s)
DO-Linocur

Issued to
Mersen France SB
SAINT BONNET DE MURE, France

is found to comply with
DNV GL rules for classification – Ships and offshore units

Application :

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

This Certificate is valid until **2021-05-26**.

Issued at **Høvik** on **2016-05-27**

for **DNV GL**

DNV GL local station: **Marseille**

Approval Engineer: **Nicolay Horn**

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.

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Job Id: **262.1-021856-1**
Certificate No: **TAE0000141**

Product description

Switch-Disconnector-Fuse with the type designation 05861.063040-1pole, 05862.063040-2pole, 05863.063040-3pole& 05863.063140-3pole+neutral.

Rated operation current Ie [A]:	2 up to 63
Rated insulation voltage, U_i [V]:	440
Rated voltage, Ue [V]:	440
Rated frequency (Hz):	50/60
Number of poles:	1; 2; 3; 3+N

Rated thermal current Ith (A)					
AC Volts(V):	AC 22	AC 22B	AC 23B	***DC Volts (V):***	DC 22A
230/400	63	63	50	65	63
255/440	-	-	35	-	-

Rated conditional short-circuit current:

50 kA at 440V / cos phi 0.25 with fuse protection (type gG) max 63A.

Application/Limitation

For installation inside switchboards/enclosures onboard ships and offshore units.

Environmental conditions:

Temperature:	A
Humidity:	B
Vibration:	A

The use of approved D02 fuse cartridge is required. Accessories: As listed inmanufacturer's data sheet.

Type Approval documentation

Tests carried out

VI-7-2 Guidelines for Perfomance of Type Approval (2003), Type test according to IEC 60947-3 (2015).

Marking of product

DO-Linocur- type designation.

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 assessment 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.

Assessment to be performed at least every second year.

END OF CERTIFICATE