



Certificate No:
TAE00004C2

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Cable Trunk

with type designation(s)
LKVH DIN wiring trunking, halogen-free

Issued to

OBO Bettermann Produktion Deutschland GmbH & Co. KG
Menden (Sauerland), Nordrhein-Westfalen, Germany

is found to comply with

DNV rules for classification – Ships, offshore units, and high speed and light craft

Application :

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

Issued at **Hamburg** on **2021-12-17**

This Certificate is valid until **2026-12-16**.

for **DNV**

DNV local station: **Essen**

Approval Engineer: **Carsten Hunsalz**

Arne Schaarmann
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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Form code: TA 251

Revision: 2021-03

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Product description

Slotted cable trunking system intended for installation in cabinets

Type: LKVH DIN wiring trunking, halogen-free

Material: Bayblend FR 3030
Temperature range: -25°C to +90°C
Colour: RAL 7035
Application / Dimension: According to the manufacturer's instructions and catalogue "OBO Bettermann LFS 2012/2013"

Accessories: Wire retainer Type LKV H H Item No. 6178 65 0
Plastic rivet tool Type KNW1/2 Item No. 6178 52 7/9
Spreading rivet Type KSN1 Item No. 6178 52 0
Spreading rivet Type KSN2 Item No. 6178 52 2

Application/Limitation

For use as cable and wire support and protection inside cabinets.

Type Approval documentation

Test reports:
VDE 248000-5450-0003 / 162842, Certificate 40034771, 2012-04-05;
UL 20121214-E301798; OBO Bettermann Document 030745

Tests carried out

EN 50085-1:2005, EN 50085-2-3:2010, VDE 0472, Teil 815,
IEC 60695-11-10:2013, IEC 60695-11-20:2015, UL 94 V-0

Marking of product

OBO Bettermann Produktion Deutschland GmbH & Co. KG - Type - Size - Ref. no.

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