



Lloyd's
Register

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate is issued to:

PRODUCER	Dietzel GmbH 1. Haidequerststrasse 3-5 1110 Vienna Austria
DESCRIPTION	Halogenfree cable management systems
TYPES	HFIRM-Turbo 16, 20, 25, 32, 40, 50 Halogenfree rigid electrical conduits, light gauge HFPRM Turbo 16, 20, 25, 32, 40, 50, 63 Halogenfree rigid electrical conduits, medium gauge HFBS Turbo 16, 20, 25, 32, 40, 50 Halogenfree rigid electrical conduits, heavy gauge HFXS 16, 20, 25, 32, 40, 50, 63 Halogenfree flexible electrical conduits, light gauge HFXP Turbo 16, 20, 25, 32, 40, 50, 63 Halogenfree pliable electrical conduits, medium gauge HFXP-HT 16, 20, 25, 32, 40, 50, 63 Halogenfree pliable electrical conduits, medium gauge PKG100, 200, 300: Halogenfree adaptable boxes HF16SM 16, 20, 25, 32, 40, 50, 63: Halogenfree couplers HF16SB 16, 20, 25, 32, 40, 50, 63: Halogenfree normal bends
APPLICATION	Suitable for marine, offshore and industrial use
Certificate No.	08/20003(E2)
Issue Date	02 Mai 2018
Expiry Date	10 January 2023
Sheet	1 of 2

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS



Jochen Körner
Hamburg Technical Support Office
Lloyd's Register EMEA

Lloyd's Register EMEA
Is a subsidiary of Lloyd's Register Group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Lloyd's
Register

STANDARDS

EN 61386-21: 01-2012, EN 61386-22: 01-2012, EN 61386-23: 01-2012,
EN 60670-1: 07-2009, EN 60670-22: 09-2007
IEC 60754: 10-2015

The Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.

The Design Appraisal Document No. HTS/ETS 36845-1 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No. 08/20003(E2)
Issue Date 02 Mai 2018
Expiry Date 10 January 2023
Sheet 2 of 2

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS


Jochen Körner
Hamburg Technical Support Office
 Lloyd's Register
Lloyd's Register EMEA
LR031.1.2013.12

Jochen Körner
Hamburg Technical Support Office
Lloyd's Register EMEA

Lloyd's Register EMEA
Is a subsidiary of Lloyd's Register Group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.