

## Type Approval Certificate Extension

*This is to certify* that Certificate No. 08/20003 for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

<b>PRODUCER</b>	Dietzel GmbH
<b>PLACE OF PRODUCTION</b>	1. Haidequerstrasse 3-5 1110 Vienna Austria
<b>DESCRIPTION</b>	Halogenfree cable management systems
<b>TYPES</b>	HFIRM 16, 20, 25, 32, 40, 50: Halogenfree rigid electrical conduits, light gauge HFPRM 16, 20, 25, 32, 40, 50, 63: Halogenfree rigid electrical conduits, medium gauge HFBS 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 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 PKG 100, 200, 300: Halogenfree adaptable boxes HFSM 16, 20, 25, 32, 40, 50, 63: Halogenfree couplers HFSB 16, 20, 25, 32, 40, 50, 63: Halogenfree normal bends
<b>APPLICATION</b>	Suitable for marine, offshore and industrial use
<b>Certificate No.</b>	08/20003 (E1)
<b>Issue Date</b>	18 June 2013
<b>Expiry Date</b>	10 January 2018
<b>Sheet</b>	1 of 2

  
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Hamburg Design Support Office  
Lloyd's Register EMEA

*Lloyd's Register EMEA*  
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**SPECIFIED 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  
EN 50297-2: 06-1999, IEC 60754: 1994

*"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."*

*The attached Design Appraisal Document No. HDS/ETS 28361-13 and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

All other details remain as the previous Certificate No. 08/20003 to which this extension should be attached.

<b>Certificate No.</b>	08/20003 (E1)
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# Marine Design Appraisal Document

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Date  
18 June 2013

Please quote this reference number on all future communications  
HPC 1320053/28361-13/JK/hu

**THE LLOYD'S REGISTER'S TYPE APPROVAL SYSTEM, 2002  
ISSUED TO: DIETZEL GMBH, VIENNA AUSTRIA  
FOR: HALOGENFREE CABLE MANAGEMENT SYSTEMS  
TYPE APPROVAL CERTIFICATE NO. 08/20003 (E1)**

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register's Type Approval System, 2002 and this Design Appraisal Document forms part of the Certificate.

## ADDITIONAL APPROVAL DOCUMENTATION

Form 2571	Application for Type Approval	29.01.2013
unnumbered	Inspection and surveillance of production facilities	30.04.2013

## TEST REPORT

69-197-04	ÖVE-Zertifikat	04.06.2012
NTR/AT 1744	Notification of Test Result	25.09.2008
69-196-04	ÖVE-Zertifikat	14.11.2012
NTR/AT 1743	Notification of Test Result	25.09.2008
69-210-00	ÖVE-Zertifikat	04.07.2012
TGM-VA EE 34353 SFT	Test report	-
69-183-08	ÖVE-Zertifikat	04.06.2012
TGM-VA EE 32293 SFT	Test report	-
69-203-01	ÖVE-Zertifikat	11.04.2012
69-212-00	ÖVE-Zertifikat	09.05.2012
69-165-12	ÖVE-Zertifikat	04.06.2012
TGM-VA EE 32294 SFT	Test report	-
69-110-15	ÖVE-Zertifikat	20.01.2012
TGM-VA EE 32822 SFT	Test report	-
69-178-09	ÖVE-Zertifikat	28.01.2011
39.494	Prüfbericht	21.07.1998
TGM-VA BS 4534	Test Report	12.09.2012

FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

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### Supplementary Type Approval Terms and Conditions

*Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.*

*Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.*

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

*Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the LR Type Approval System Procedure.*



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Part 1

Subject: Electrical Equipment (Not Environmentally Tested)

Product: Enclosure Systems

Producer/Licence No.		Description of Product				Cert. No.	
		Type	Details of Approval	Application	Remarks		
Dietzel GmbH 1. Haidquersstrasse 3-5 1110 Vienna Austria			Halogenfree cable management systems		Suitable for marine, offshore and industrial use.	Expires on: 10 January 2018	08/20003 /E1)
		HFIRM 16, 20, 25, 32, 40, 50;	Halogenfree rigid electrical conduits, light gauge			Comply with: 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, EN 50297-2: 06-1999 IEC 60754: 1994	
		HFFRM 16, 20, 25, 32, 40, 50, 63;	Halogenfree rigid electrical conduits, medium gauge				
		HFBS 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 16, 20, 25, 40, 50, 63;	Halogenfree pliable electrical conduits, medium gauge				
		HFXP-HT 16, 20, 25, 32, 40, 50, 63;	Halogenfree pliable electrical conduits, medium gauge				
		PKGHI 100, 200, 300;	Halogenfree adaptable boxes				
		HFSM 16, 20, 25, 32, 40, 50, 63;	Halogenfree couplers				
		HFBS 16, 20, 25, 32, 40, 50, 63;	Halogenfree normal bends				