

## LLOYD'S REGISTER TYPE APPROVAL – DESIGN APPRAISAL DOCUMENT

ISSUED BY: HAMBURG TECHNICAL SUPPORT OFFICE (HPC1562209)

ISSUED TO: WEIDMÜLLER INTERFACE GMBH & CO. KG

FOR: DC/DC CONVERTER

TYPES PRO DCDC 120W 24V 5A, PRO DCDC 240W 24V 10A, PRO DCDC 480W 24V 20A

**This Design Appraisal Document supersedes and cancels the Design Appraisal**

**Document No. HTS/ETS 40741-20/TW, Issue 1, dated 20 September 2021**

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System Procedure TA14 Version 04 (September 2020) and this Design Appraisal Document forms part of the Certificate.

### APPROVAL DOCUMENTATION

Unnumbered	Type Approval Application Checklist	0.08.2022
334307	Request for Marine Services – Type Approval	10.11.2022
HTS/ETS 35803-17	Design Appraisal Document for certificate no. 16/20016 (E1)	30.08.2017
16/20016 (E1)	LR Type Approval certificate	30.08.2017
GZU 1920867 (PRJ11095468)	Production Quality Assessment Form	13.01.2020
CNAS L10153	Delta Laboratory Accreditation Certificate	14.07.2017
Unnumbered	Letter of Notification	30.09.2022
Unnumbered	PRO DCDC 240W 24V 10A D509 BOM	30.10.2022

### TEST REPORT

TR2009180201	Delta test report	09.10.2020
LAB23457E	Weidmüller laboratory report	22.07.2021
TR2210260201	Delta Technology Service test report	03.11.2022

  
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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 Lloyd's Register Type Approval System Procedure.*