



TYPE APPROVAL CERTIFICATE
No. **ELE267821XG/001**

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	Power Supply Unit - DC/DC Converter
<i>Type</i>	PRO DCDC 120W 24V 5A; PRO DCDC 240W 24V 10A; PRO DCDC 480W 24V 20A
<i>Applicant</i>	WEIDMUELLER INTERFACE GMBH & CO. KG KLINGENBERGSTRASSE 16 32758 DETMOLD, GERMANY
<i>Reference standards</i>	RINA Rules for the Classification of Ships - Part C- Machinery, Systems and Fire Protection - Ch.3 , Sect. 8, Table 1

Issued in **Hamburg** on **February 27, 2026**. *This Certificate is valid until* **December 15, 2026**

Giuseppe Russo

RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure

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PRO DCDC 120W 24V 5A

PRO DCDC 240W 24V 10A

PRO DCDC 480W 24V 20A

Product Description

- DC/DC Converter module power supply units with following rating:

Parameter	PRO DCDC 120W 24V 5A	PRO DCDC 240W 24V 10A	PRO DCDC 480W 24V 20A
Nominal Input Voltage	24V DC	24V DC	24V DC
Input Voltage Range	18 ~ 32V DC	18 ~ 32V DC	18 ~ 32V DC
Nominal Output Voltage	24V DC \pm 1%	24V DC \pm 1%	24V DC \pm 1%
Residual Ripple (20MHz)	< 20mVpp (at 24V DC)	< 20mVpp (at 24V DC)	< 20mVpp (at 24V DC)
Nominal Output Current	5A (at 24V DC)	10A (at 24V DC)	20A (at 24V DC)
Power Boost (at 24V DC)	6A	12A	24A
Amb. Temperature	-25 ~ 70°C	-25 ~ 70°C	-25 ~ 70°C
Dimension (H x W x D)	130 x 32 x 120 mm	130 x 43 x 120 mm	130 x 75 x 120 mm
IP Degree	IP20	IP20	IP20

Reference Documents

- Technical Document: WEIDMUELLER's technical document with RINA Approval No. PUEL-4982 ~ PUEL-4996 dated 17/12/2015
- Additional EMC Test Report TR2009180201, Delta Technology Service Co. Ltd., dated 09/10/2020.
- ENV & EMC Test: SITIIAS (Shanghai Inspection and Testing Institute of Instruments and Automation Systems)'s test report ref. no. A15-043-WT dated 30/10/2015
- EMC test (conducted radio frequency immunity): Weidmueller ref. no. LAB23457E, dated 22/07/2021

Note/Remark

- The product is always subject to the compliance with RINA Rules and other Standards mentioned on certificate
- Type Approval certifies that a representative sample of the product has been found to meet the applicable design criteria
- Any modification or change shall not be valid until approval is granted by RINA as a result of due assessment

Renewal/Revision

- This Type Approval Certificate supersedes Certificate No. ELE281320XG

Hamburg February 27, 2026

