TYPE APPROVAL CERTIFICATE
No. **ELE388625XG**

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

Description	**COMPACT POWER SUPPLY UNITS.**
Type	**PRO TOP1, PRO TOP2, PRO TOP3, PRO TOPDC**
Applicant	**WEIDMUELLER INTERFACE GMBH & CO. KG** **KLINGENBERGSTRASSE 26** **32758 Detmold** **GERMANY**
Manufacturer *Place of manufacture*	**WEIDMUELLER INTERFACE GMBH & CO. KG** **KLINGENBERGSTRASSE 26** **32758 Detmold** **GERMANY**
Reference standards	**Rules for the Classification of Ships - Part C - Machinery Systems and Fire Protection; Ch. 3, Sec. 8, Table 1**

Issued in **HAMBURG** on **March 2, 2026.** *This Certificate is valid until* **March 1, 2031**

Giuseppe Russo

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This certificate consists of this page and 1 enclosure

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TYPE APPROVAL CERTIFICATE
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PRO TOP1, PRO TOP2, PRO TOP3, PRO TOPDC

Product description:

The **PRO TOP1, PRO TOP2, PRO TOP3** and **PRO TOPDC** series are AC/DC, DC/DC power supplies.

Components:

Output Power	Output Voltage	Output Current	Design
PRO TOP1:			
72 W	24 V	3 A	Standard, F, CO
120 W	12 V	10 A	Standard, F, EX
120 W	24 V	5 A	Standard, F, EX
240 W	24 V	10 A	Standard, F, EX
480 W	24 V	20 A	Standard, EX
480 W	48 V	10 A	Standard, EX
960 W	48 V	20 A	Standard
960 W	24 V	40 A	Standard
960 W	48 V	20 A	CO
960 W	24 V	40 A	Ex
PRO TOP2:			
120 W	24 V	5 A	Standard, EX
240 W	24 V	10 A	Standard, EX
240 W	48 V	5 A	Standard
Standard = output terminal assignment 2(+) / 3(-) F = Flange, output terminal assignment 2(+) / 2(-), connector flange CO = coated EX = ex-protected			

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Components (continued):

Output Power	Output Voltage	Output Current	Design
PRO TOP3:			
120 W	24 V	5 A	Standard, CO
240 W	24 V	10 A	Standard, CO
480 W	24 V	20 A	Standard, CO
480 W	48 V	10 A	Standard, CO
960 W	36 V	26.6 A	CO
960 W	24 V	40 A	Standard, CO
960 W	48 V	20 A	Standard, CO
Standard = output terminal assignment 2(+) / 3(-) CO = coated			

Output Power	Output Voltage	Output Current	Design
PRO TOPDC:			
120 W	24 V	5 A	Standard, EX
240 W	24 V	10 A	Standard, EX, U+
480 W	24 V	20 A	Standard, EX, U+
480 W	48 V	10 A	Standard
Standard = output terminal assignment 2(+) / 3(-) EX = ex-protected U+ = increased max. adjustable output voltage			

Rating (Input Voltage):

PRO TOP1	100 ... 240 V AC (L+N+PE), 50/60 Hz
	120 ... 340 V DC
	The DC supply voltage shall not exceed 410 V DC
PRO TOP2	100 ... 240 V AC (L+N+PE), 50/60 Hz
	400 ... 500 V AC (L1+L2+PE), 50/60 Hz
	320 ... 500 V DC
PRO TOP3	400 ... 500 V AC (L1+L2+L3+PE), 50/60 Hz
	450 ... 500 V DC
	A minimum DC supply voltage of 440 V DC is required
PRO TOPDC	24 V DC

Ambient temperature:
Standard device: -25° C ... +70° C (derating: > +60° C)
EX or CO device: -40° C ... +70° C (derating: > +60° C
Degree of protection: IP20
Mounting: DIN mounting rail, wall adapter, direct mounting (refer to technical specification)

Status relay: 30 V AC/DC max. 1 A
I/O connection: 0 V/ 24 V

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Protection against internal short circuits due to integrated ORing-MOSFET technology.
Direct parallel operation for redundancy or for power increase (up to 10 PRO TOP units).
All power supplies (PRO TOP1, PRO TOP2, PRO TOP3, PRO TOPDC) are able to operate parallel on output connection with any power supplies of the PRO TOP1, PRO TOP2, PRO TOP3, PRO TOPDC series.
DIP switches for selection of operating modes (for details see manual).

Accessories:
PRO COM CAN OPEN (EX): CANopen field bus communication interface; HVN 01.00.x/ SVN 01.00.x (marine approved for data monitoring only),
PRO COM IO-LINK: IO-LINK field bus communication interface; HVN 02.00.x/ SVN 02.05.x (marine approved for data monitoring only; PRO TOP2 only)
PRO TOP Brackets
Walladapter

Restriction:
Minimum required HVN of PRO TOPDC models in use with PRO COM CAN OPEN (EX) accessories:
120W, 24V, 5A Standard: 01.05.00
120W, 24 V, 5A EX: 01.06.00
240W, 24V, 10A: 01.07.00
480W, 24/48V, 20/10A: 01.04.00

Software of PRO TOP modules:
PRO TOP1: 02.00.x
PRO TOP2: 01.00.x
PRO TOP3: 02.00.x
PRO TOPDC: 01.00.x

Documents:
- Technical specifications: PRO TOP...

Test Reports:
SiTiiAS no. A19-001-WT, dated 2019-07-16, A19-001-WT-01, dated 2019-09-02, A19-008-WT, dated 2019-11-08;
DTECH no. TR1910150502, dated 2019-12-12, TR1911040602, dated 2019-12-12, TR1908020101, dated 2019-09-18;
BSH Certificate no. 1039, dated 2019-12-03, 1042, dated 2020-01-23;
Weidmueller Central Laboratory no. LAB22265E, dated 2019-03-28, LAB22327E, dated 2019-05-17, LAB22345E, dated 2019-05-31, LAB22660E, dated2019-12-13, LAB22909E, dated 2020-04-06, LAB22914E, dated 2020-07-09, LAB22910E dated 2020-07-23, LAB22931E, dated 2020-07-23; LAB23828E, dated 2022-05-18; LAB23931, dated 2022-07-12; LAB24417E, dated 2023-05-23; LAB24447E, dated 2023-01-20; LAB24513E, dated 2023-07-14; LAB24339E, dated 2023-04-18; LAB24385E, dated 2023-05-25; LAB24461E, dated 2023-06-16;
EMC Test NRW: P20-Z-00055-001, dated 2020-07-08, P20-Z-00055-002, dated 2020-07-08

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PRO TOP1, PRO TOP2, PRO TOP3, PRO TOPDC

Remarks:
- The products fulfill **EC-Code: EC 3a3/43** (PRO TOP1, PRO TOP3, PRO TOPDC), **EC 3a1/41** (PRO TOP2).
- The EMC requirements for installation on the Bridge and Deck Zones will be fulfilled by the equipment (PRO TOP1, PRO TOPDC).

HAMBURG March 2, 2026

Giuseppe Russo

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