



NB-CPR 305/2011 EU
Nr. 1415

Product certification body accredited by NAH
under No NAH-6-0057/2019/K.

ÉMI NON-PROFIT LIMITED LIABILITY COMPANY FOR QUALITY
CONTROL AND INNOVATION IN BUILDING
ENGINEERING SERVICES DIRECTORATE
CONFORMITY ASSESSMENT CENTER
CERTIFICATION OFFICE

H-2000 Szentendre, Dózsa György út 26. Postal address: H-2001 Szentendre, Pf : 180.
Phone: +36 (26) 502 300 E-mail: tanusitas@emi.hu WEB: <http://www.emi.hu>

EC-CERTIFICATE OF CONSTANCY OF PERFORMANCE

1415-CPR-118-(C-6/2022)

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

PROtop power supplies and PRO DM diode modules

with performance shown in the annex as page 2/4 - 4/4 of this certificate
for **Fire safety** intended use and

produced by

Weidmüller Interface GmbH & Co. KG
Klingenbergstrasse 26., 32758 Detmold, Germany

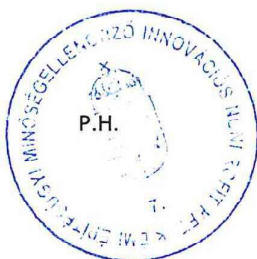
This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard **EN 12101-10:2005, EN 12101-10:2005/AC:2007, EN 54-4:1997, EN 54-4:1997/AC:1999, EN 54-4:1997/A1:2002, EN 54-4:1997/A2:2006** under system (1) are applied and that

the product fulfils all the prescribed requirements set out above.

This certificate was first issued on 10.05.2023 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

This certificate consists of 4 pages!

Dated at Szentendre, 10.05.2023



Erika Pataki
Head of Certification Office



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Annex

PROtop power supplies and PRO DM diode modules

Type:	PROtop power supply											
	PRO TOP1											
	120W 12V 10A	120W 12V 10A EX	120W 12V 10A F	72W 24V 3A	72W 24V 3A CO	72W 24V 3A F	120W 24V 5A	120W 24V 5A EX	120W 24V 5A F	240W 24V 10A	240W 24V 10A EX	240W 24V 10A F
Input voltage range:	85...277 VAC / 80...410 VDC											
Nominal input voltage:	230 VAC											
Input frequency:	45...65 Hz											
Starting current inrush:	max. 5 A											
Nominal power consumption:	133,3 W			80,9 W			131,9 W			260,9 W		
Output voltage:	11...15 VDC			22,5...28,8 VDC								
Nominal current:	10 A			3 A			5 A			10 A		
Output power:	120 W			72 W			120 W			240 W		
Ripple voltage:	< 50 mVpp											
Number of terminals:	5		4	5		4	5		4	5		4
Working temperature range [°C]:	-25... +70	-40... +70	-25... +70		-40... +70		-25... +70		-40... +70		-25... +70	
Storage temperature range:	-40...+85°C											
Relative humidity (no condensation) [%]:	5... 95	5... 100	5...95		5... 100	5...95		5... 100	5...95		5... 100	5... 95
Weight:	850 g			650 g			850 g			1050 g		
Dimensions:	125×130×35 mm									125×130×39 mm		

Dated at Szentendre, 10.05.2023

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Bizonylat azonosító: KBIA-IV-1-20230327_EK_TAT_EN



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Type:	PROtop power supply									PRO DM diode module	
	PRO TOP1								PRO TOP2	PRO DM	
	480W 24V 20A	480W 24V 20A EX	960W 24V 40A	960W 24V 40A EX	480W 48V 10A	480W 48V 10A EX	960W 48V 20A	960W 48V 20A CO	120W 24V 5A UW EX	10	20
Input voltage range:	85...277 VAC / 80...410 VDC								85... 550 VAC / 90... 800 VDC	0...60 VDC	
Nominal input voltage:	230 VAC									24 VDC	
Input frequency:	45...65 Hz									—	
Starting current inrush:	max. 5 A		max. 15 A		max. 5 A		max. 15 A		max. 5 A	—	
Nominal power consumption [W]:	516,1		1021		516,1		1021		134,8	240 VA	480 VA
Output voltage [VDC]:	22,5...28,8				45...56				22,5... 28,8	23,3	
Input current:	20 A		40 A		10 A		20 A		5 A	2×10 A/ 1×20 A	2×20 A/ 1×40 A
Output power:	480 W		960 W		480 W		960 W		120 W	466 W	932 W
Ripple voltage [mVpp]:	< 50				< 100				< 50	—	
Number of terminals:	5								4		
Working temp. range:	-25... +70°C	-40... +70°C	-25... +70°C	-40... +70°C	-25... +70°C	-40... +70°C	-25... +70°C	-40...+70°C			
Storage temp. range:	-40...+85°C										
Relative humidity (no condensation):	5... 95%	5... 100%	5... 95%	5... 100%	5... 95%	5... 100%	5... 95%	5...100%		5...95%	
Weight [g]:	1520	1520	3245	3382	1520		3382		892	501	552
Dimensions [mm]:	125× 130× 68		125× 130× 124		125× 130× 139		125× 130× 68		125× 130× 124		125× 125× 32

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Essential characteristics	Clauses in EN 12101-10 standard	Result
Operational reliability	6 and 7	Passed
Performance parameters under fire conditions	4.1	Passed
	5.2.1	Passed
Response time	4.1	Passed
	5.2.1	Passed
	6.2.2	Not applicable
	6.3.1	Not applicable

Essential characteristics	Clauses in EN 54-4 standard	Result
Performance under fire condition	4, 5 and 6	Passed
Operational reliability	4, 5, 6, 7, 8	Passed
Durability of operational reliability, temperature resistance	9.5	Passed
Durability of operational reliability, vibration resistance	9.7, 9.8 and 9.15	Passed
Durability of operational reliability, electrical stability	9.9 to 9.13	Passed
Durability of operational reliability, humidity resistance	9.6 and 9.14	Passed

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