



Certificate of Compliance

Certificate: 80113429

Master Contract: 200039

Project: 80128511

Date Issued: July 19, 2022

Issued To: Weidmueller Interface GmbH & Co. KG
Klingenbergstrasse 26
Detmold, North Rhine-Westphalia, 32758
Germany

Attention: Jochen Reese

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: Selina Xie
Selina Xie

PRODUCTS

CLASS - C531167 - POWER SUPPLIES Component Type(CSA 62368-1)

CLASS - C531197 - POWER SUPPLIES - Component Type (UL 62368-1) - Component Type (UL 62368-1)
- Certified to US Stds

Component DIN-Rail Power Supply, model PRO BAS 30W 12V 2.6A, PRO BAS 30W 24V 1.3A, PRO BAS 30W 5V 6A, PRO BAS 60W 12V 5A, PRO BAS 60W 24V 2.5A, PRO BAS 90W 24V 3.8A, PRO BAS 120W 12V 10A, PRO BAS 120W 24V 5A, PRO BAS 240W 24V 10A, PRO BAS 240W 48V 5A, PRO BAS 480W 24V 20A, PRO BAS 480W 48V 10A. ratings please refer to below table.

Model number	Ratings
PRO BAS 30W 12V 2.6A, PRO BAS 30W 24V 1.3A	Input: 100-240 V~, 50-60 Hz, 1.0 A max. or 120-340 V ===, 0.6 A Max., Class II Output: 12 V ===, 2.6 A for PRO BAS 30W 12V 2.6A



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	24 V \equiv , 1.3 A for PRO BAS 30W 24V 1.3A
PRO BAS 30W 5V 6A, PRO BAS 60W 12V 5A, PRO BAS 60W 24V 2.5A	For model PRO BAS 30W 5V 6A: Input: 100-240V~, 50-60 Hz, 1.0 A Max.; 120-340 V \equiv , 0.6 A Max., Class II Output: 5 V \equiv , 6 A For model PRO BAS 60W 12V 5A: Input: 100-240V~, 50-60 Hz, 1.5 A Max.; 120-340 V \equiv , 1.2 A Max., Class II Output: 12 V \equiv , 5 A For model PRO BAS 60W 24V 2.5A: Input: 100-240V~, 50-60 Hz, 1.5 A Max.; 120-340 V \equiv , 1.2 A Max., Class II Output: 24 V \equiv , 2.5 A
PRO BAS 90W 24V 3.8A	Input: 100-240 V~, 50-60 Hz, 2.5 A max. or 120-340V \equiv , 1.5 A max., Class II Output: 24 V \equiv , 3.8 A
PRO BAS 120W 12V 10A, PRO BAS 120W 24V 5A	Input: 100-240 V~, 50-60 Hz, 4 A max. or 120-340V \equiv , 3 A max., Class I Output: 12 V \equiv , 10 A for PRO BAS 120W 12V 10A 24 V \equiv , 5A for PRO BAS 120W 24V 5A
PRO BAS 240W 24V 10A, PRO BAS 240W 48V 5A	Input: 100-240 V~, 50-60 Hz, 4 A max. or 120-340V \equiv , 4 A max., Class I Output: 24 V \equiv , 10 A for PRO BAS 240W 24V 10A 48 V \equiv , 5 A for PRO BAS 240W 48V 5A
PRO BAS 480W 24V 20A, PRO BAS 480W 48V 10A	Input: 100-240 V~, 50-60 Hz, 8 A max. or 120-340V \equiv , 8 A max., Class I Output: 24 V \equiv , 20 A for PRO BAS 480W 24V 20A 48V \equiv , 10A for PRO BAS 480W 48V 10A

Conditions of Acceptability:

1. The above models are certified only as components of other certified equipment, where the suitability of the combination is to be determined by CSA
2. Transformer T1 use a min. Class B/130°C insulation system.
3. Altitude during operation (m): $\leq 5000\text{m}$.
4. The product was tested in a branch circuit protected by a 20 A circuit breaker. Additional evaluation shall be conducted if a higher protector is to be used in the end system. During all

component fault testing, no external circuit breaker open. Power supply is protected by the internal fuse or other internal circuit or mechanism.

5. A suitable mechanical/ electrical and fire enclosure shall be provided in the end system, except for the front panel
6. The max. operating temperature around the equipment under test is 70°C.
7. The loading condition for the power supply at different input voltage and/or temperature is one of the following a) or b) or c):
 - a) For AC input: the output current should be decreased 1%/V linearly when input voltage decreased from 100Vac to 85Vac; b) For DC input: the output current should be decreased 1%/V linearly when input voltage decreased from 120Vdc to 110Vdc;
 - c) For operating temperature: the output current should be decreased 2.5%/°C from +55°C to +70°C.
8. The AC input tolerance of the power supply is 85-264Vac, and DC input tolerance is 110-370Vdc.
9. When installing the equipment, all requirements of the mentioned standard must be fulfilled.
10. Blocked of ventilation openings should be considered in end system.
11. For the purpose of spacing and insulation considerations, the DC input of this power supply shall be derived from the end system of maximum 240VAC mains supply.
12. For all models except PRO BAS 480W 24V 20A and PRO BAS 480W 48V 10A, 4000 Vdc hi-pot test is conducted between the isolated voltage input and enclosure/all other secondary outputs. For PRO BAS 480W 24V 20A and PRO BAS 480W 48V 10A, 2500 Vdc hi-pot test is conducted between the isolated voltage input and enclosure/all other secondary outputs.
13. The electric strength in the end product shall be based on the value for maximum working voltage between primary and secondary.
14. For models PRO BAS 30W 12V 2.6A, PRO BAS 30W 24V 1.3A, PRO BAS 30W 5V 6A, PRO BAS 60W 12V 5A, PRO BAS 60W 24V 2.5A, PRO BAS 90W 24V 3.8A, the maximum Output complied with Class 2 output according to ANSI/UL 1310, 7th Ed and CSA-C22.2 No. 223-15.



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APPLICABLE REQUIREMENTS

- | | | |
|----------------------------|---|--|
| CSA-C22.2 No. 62368-1-19 | - | Audio/Video Information and Communication Technology Equipment - Part 1: Safety Requirements |
| UL 62368-1 (Third Edition) | - | Audio/Video Information and Communication Technology Equipment - Part 1: Safety Requirements |

Notes:

Products certified under Class C531167 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
80128511	2022-07-19	Update CUS certificate 80113429 to revise the AC input voltage tolerance and report corrections.
80113429	2022-05-13	Model Certification for DIN-Rail Power Supply, model PRO BAS 30W 12V 2.6A, PRO BAS 30W 24V 1.3A, PRO BAS 30W 5V 6A, PRO BAS 60W 12V 5A, PRO BAS 60W 24V 2.5A, PRO BAS 90W 24V 3.8A, PRO BAS 120W 12V 10A, PRO BAS 120W 24V 5A, PRO BAS 240W 24V 10A, PRO BAS 240W 48V 5A, PRO BAS 480W 24V 20A, PRO BAS 480W 48V 10A