Certificate of Compliance

Certificate: 80085084 **Master Contract:** 200039

Project: 80085084 **Date Issued:** 2021-07-30

Issued To: **Weidmueller Interface GmbH & Co. KG**
Klingenbergstrasse 16
Detmold, North Rhine-Westphalia, 32758
Germany

Attention: Franz-Josef Hegener

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: *Amanda Ma*
Amanda Ma

PRODUCTS

CLASS - C531801 - POWER SUPPLIES For Hazardous Locations
CLASS - C531881 - POWER SUPPLIES For Hazardous Locations - Certified to U.S. Standards

Class I, Division 2, Groups A, B, C, D T4

DC buffer module, module name and ratings as follows:

Model	Input		Output		Buffer output	Buffer time	Temperature
	VDC	A	VDC	A			
PRO DC BUFFER 24V 20A	24V	26A	24V	20A	22V/Vin-1V, 20A; Power boost 25A (≤45°C)	20A,0.2S	-25°C…+70°C (> +60°C Derating:2.5%/K)
PRO DC BUFFER 24V 40A	24V	46A	24V	40A	22V/Vin-1V, 40A, Power boost 45A (≤45°C)	40A,0.2S	-25°C…+70°C(> +60°C Derating:2.5%/K)

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Conditions of Acceptability:

1. The equipment shall be installed in a suitable degree of protection enclosure to meet requirement in Class I, Division 2 locations and the enclosure can only be opened by use of a tool, where final assembly is subject to acceptance by the local authority having jurisdiction.
2. The ambient temperature of -20°C to +70°C applies to the enclosure internal air surrounding the equipment.
3. The final enclosure must bear the following warning: " DO NOT CONNECT OR DISCONNECT WHEN ENERGIZED UNLESS AREA IS KNOWN TO BE NON-HAZARDOUS " and " DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT "
4. Installation shall be in accordance with the CEC Part I or NEC as applicable.

APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 213-17	-Nonincendive electrical equipment for use in Class I and II,Division 2 and Class III, Divisions 1 and 2 hazardous (classified) locations
CSA C22.2 No. 61010-1(3rd Ed)	-Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements
CSA C22.2 No. 61010-2-201:18(2nd Ed)	-Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-201: Particular requirements for control equipment
UL 121201 Ninth Edition	-Nonincendive electrical equipment for use in Class I and II, Division 2 and Class III, Divisions 1 and 2 hazardous (classified) locations
UL 61010-1 (3rd Edition)	-Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements
UL 61010-2-201(2nd Edition)	-Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-201: Particular requirements for control equipment

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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
80085084	2021-07-30	Original cCSAus certification on PRO DC BUFFER series modules. Marking: Class I, Division 2, Groups A, B, C, D T4,

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