Certificate of Compliance

Certificate: 70003113 **Master Contract:** 153184

Project: 70016779 **Date Issued:** 2015-01-22

Issued to: **RITTAL GmbH & Co. KG**
Auf dem Stuetzelberg
35745 Herborn
GERMANY

Attention: Mr. Ruediger Gilardi

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: Paul Exner
Paul Exner

PRODUCTS

CLASS – 3211-07 - INDUSTRIAL CONTROL EQUIPMENT – Miscellaneous Apparatus
CLASS – 3211-87 - INDUSTRIAL CONTROL EQUIPMENT – Miscellaneous Apparatus, Certified to US Standards

Bus Bar system, SV TS8/FLAT PLS 100
- for up to 4 by 100mm x 10mm Bus Bar system

Flat-PLS 100System	
Part number SV, followed by	Description
9676.021	Bus Bar Support
9676.641	Longitudinal connector
9674.164, 9674.184 9674.124, 9674.154	System attachment Rails
9676.024, 9676.025, 9676.027	Bus Bar stabilizer
9676.019	Bus Bar claw
3590.015	Bus Bar 2400mm x 100mm x 10mm

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OVERALL SYSTEM RATING

Part number	Support spacing	Bus Bar spacing	SCCR	Voltage – 3phase AC
Flat PLS100 SV9676.021 With 9676.024	450mm	165mm	100kA	600V

RATINGS

Part number	Bus size mm²	Actual current	Type Rating of enclosure	Dimensions overall of the enclosure	Temperature rise
Flat PLS100 SV9676.021	4 x 100mm x 10mm	1900A	Type 3, 3S, 4, 4X, 6, 6P, 12 or 13 / IP 54	high 2000mm wide 2400mm deep 600mm	Max. Temp. Bus Bar 70°C
Flat PLS100 SV9676.021	4 x 100mm x 10mm	2400A	Type 3, 3S, 4, 4X, 6, 6P, 12 or 13 / IP 54	high 2000mm wide 2400mm deep 600mm	Max. Temp. Bus Bar 90°C
Flat PLS100 SV9676.021	4 x 100mm x 10mm	2760A	Type 3, 3S, 4, 4X, 6, 6P, 12 or 13 / IP 54	high 2000mm wide 2400mm deep 600mm	Max. Temp. Bus Bar 105°C
Flat PLS100 SV9676.021	4 x 100mm x 10mm	2160A	Min Type 1 / IP 2x	high 2000mm wide 2400mm deep 600mm	Max. Temp. Bus Bar 70°C
Flat PLS100 SV9676.021	4 x 100mm x 10mm	2920A	Min Type 1 / IP 2x	high 2000mm wide 2400mm deep 600mm	Max. Temp. Bus Bar 90°C
Flat PLS100 SV9676.021	4 x 100mm x 10mm	3380A	Min Type 1 / IP 2x	high 2000mm wide 2400mm deep 600mm	Max. Temp. Bus Bar 105°C
Flat PLS100 SV9676.021	4 x 100mm x 10mm	4070A	Min Type 1 / IP 2x Forced air cooled*	high 2000mm wide 2400mm deep 600mm	Max. Temp. Bus Bar 70°C
Flat PLS100 SV9676.021	4 x 100mm x 10mm	5200A	Min Type 1 / IP 2x Forced air cooled*	high 2000mm wide 2400mm deep 600mm	Max. Temp. Bus Bar 90°C
Flat PLS100 SV9676.021	4 x 100mm x 10mm	5800A	Min Type 1 / IP 2x Forced air cooled*	high 2000mm wide 2400mm deep 600mm	Max. Temp. Bus Bar 105°C

*Forced air with fans with min 700m³ per hour in the bottom of the door and ventilating openings in the top.

Notes:

1. The Bus Bar support SV9676.021 with SV 9676.024 meets the clearance and creepage requirements for feeder circuits according UL 508, UL 845, UL 891 and UL 1558.
2. Torque Value for all screws 20NM / 170 in-lbs.
3. Maximum Ambient temperature 40°C.
4. Suitable input and output connections have to be determined in the end use.
5. Every 450mm a Bus Bar Support have to be provided.
6. Minimum one Bus Bar claw has to be provided in-between the Bus Bar Supports.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 14	-	Industrial Control Equipment
UL 508	-	Industrial Control Equipment

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
70003113	2013-12-18	Original Certification according CSA C22.2 14-13 and UL 508 17th Edition.
70016779	2015-01-22	Update to report 70003113 to cover editorial changes