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(UL) Underwriters Laboratories Inc.

File E198865 Project 00ME09523

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> > ON

INDUSTRIAL CONTROL EQUIPMENT-MISCELLANEOUS APPARATUS

Puls Elektronische Stromversorgungen GmbH Munich, Germany

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DESCRIPTION

PRODUCT COVERED:

* *USL, CNL: Industrial Control Equipment - Miscellaneous Apparatus. Open Type Switch Mode Power Supply, Model SL10.xyy, DN2033 and OPS310.1.

ELECTRICAL RATING:

		Input				Output, (dc)	
Model	****		V	A	Hz	٧	W (max)
SL10.xyy, DN2033, OPS310.1	3 wi	ire +	400-500 PE (three	0.8-0.7 phase)	50/60	24-28	240
	2 wi	ire +	400-500 PE (two p	1.2 hase)	50/60	24-28	240

x represents 3 or 6 (customer specific versions, not safety relevant). yy represent alphanumeric characters for customer specific versions, not safety relevant.

Units are rated for an ambient of 60 °C maximum.

ABBREVATIONS

The following abbreviations are used in this Procedure:

Abbreviation	Explanation
AWM	Appliance Wiring Manual
PWB	Printed Wiring Board
R/C	Recognized Component
USL	United States Standards — Listed
CNL	Canadian National Standards —Listed

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

CNL indicates investigation to Canadian Standards' CAN/CSA - 22.2 No. 14-M95.

USL indicates investigation to United States' Standard UL 508, the Standard for Industrial Control Equipment.

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General - These devices are open-type switching power supplies for use in industrial control applications.

the equipment is considered: For building-in, Class I (earthed).

This unit was investigated for Pollution Degree 2 environment.

These power supplies have been judged on the basis of the required spacings in the Standard UL508 for Industrial Control Equipment and UL840, the standard for Insulation Coordination including clearances and creepage distances for electrical equipment.