

File E531402
Project 4790587317

January 5, 2023

REPORT

on

COMPONENT - Special-purpose Fuses

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Lucerne, SWITZERLAND

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DESCRIPTION

PRODUCT COVERED:

USR and CNR - Special Purpose Fuse, Cat. No. UHP.

RATINGS:

	Ampere Ratings	Voltage rating		Minimum Breaking Capacity		Maximum Breaking Capacity		Range (aR/gR)
		ac	dc	ac	dc	ac	dc	
Cat. No. UHP	50	--	80	--	200%	--	2000A	gR
		--	63	--	200%	--	3000A	gR
	60	--	80	--	200%	--	2000A	gR
		--	63	--	200%	--	3000A	gR
	70	--	80	--	200%	--	2000A	gR
		--	63	--	200%	--	3000A	gR
	80	--	80	--	200%	--	2000A	gR
		--	63	--	200%	--	3000A	gR
	90	--	80	--	200%	--	2000A	gR
		--	63	--	200%	--	3000A	gR
	100	--	80	--	200%	--	2000A	gR
		--	63	--	200%	--	3000A	gR

gR - Full-range, overload and short-circuit protection.

FOLLOW-UP TESTS:

See Appendix of File E531402, Vol.1.

GENERAL CHARACTER AND USE:

These surface mounted fuses are not current limiting.

USR - Products designated USR have been investigated using US requirements as noted in the Test Record.

CNR - Products designated CNR have been investigated using Canadian requirements as noted in the Test Record.

Note: USR = United States Standards - Recognized component.
CNR = Canadian National Standards - Recognized component.

MARKING:

The marking on the fuses shall be in accordance with UL 248-1, the Standard for Low-Voltage Fuses - Part 1: General Requirements and CSA C22.2 No. 248.1 the Standard for Low-Voltage Fuses - Part 1: General Requirements.

In addition to the requirements of UL 248-1 and CSA C22.2 No. 248.1, the fuse shall be marked with the additional markings specified in UL 248-13 and CSA C22.2 No. 248.13 the Standard for Semiconductor Fuses.

The marking of these fuses must include the following:

1. Manufacturer's name, trademark or both.
2. Cat. No.
3. Electrical ratings are optional.
4. The fuse classification: gR