

CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-2327880-0
Report Reference E243386-20230921
Date 13-December-2024

Issued to: Gefran SPA
VIA SEBINA 74
PROVAGLIO D'ISEO, BS 25050
Italy

This is to certify that representative samples of NRNT8 - Switches, Industrial Control Certified for Canada - Component
See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.


Standard(s) for Safety: CSA C22.2 No. 14, Edition 13, Issue Date 2018-03, Revision Date 2022-06

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.


Deborah Jennings-Conner, VP Regulatory Services

UL LLC

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Certificate Number UL-CA-2327880-0
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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
GRZ-3P, followed by - 2S, followed by - 15, 25, 25I, 30, 30I, 40, 40I, 50, 75, followed by - 48, 60, followed by - D, A, followed by - 0, 1, 2, 3, followed by - 0, followed by - 0, may be followed by alphanumeric digits	Industrial Control Switches
GRZ-3P, followed by - 3S, followed by - 10, 20, 20I, 25, 25I, 30I, 40, 40I, 65, followed by - 48, 60, followed by - D, A, followed by - 0, 1, 2, 3, followed by - 0, followed by - 0, may be followed by alphanumeric digits.	Industrial Control Switches

Deborah Jennings-Conner
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Certificate Number UL-CA-2327880-0
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Date 13-December-2024


SHORT CIRCUIT RATINGS:

Short Circuit tests were performed on models GRZ-H-3P (Certificate Number UL-CA-2325017-0), which are identical in construction to models GRZ-3P, except for the presence of the specific heatsink. Consideration to this shall be given in the end use application.

For reference, below the ratings of GRZ-H-3P extracted by Certificate Number UL-CA-2325017-0.

The following models are suitable for use on a circuit capable of delivery not more than 100,000 rms symmetrical amperes at maximum 600 Vac 3PH, when protected by UL Listed (JDDZ) fuses with size and class as specified in the table below:

SCR's Switch Model Nos. Nomenclature		Fuse Class	Fuse Current Maximum Size (A)	Minimum enclosure size width x height x depth (mm)
Item: I + II	Item: III			
GRZ-H-3P- 2S	15	J	40	79 x 165 x 161
		CC	30	79 x 165 x 161
	25	J	40	--
		CC	30	--
	25I	J	80	--
	30	J	40	--
		CC	30	--
	30I	J	80	--
	40	J	40	--
	40I	J	80	--
50	J	80	--	
75	J	80	--	
GRZ-H-3P- 3S	10	J	40	79 x 165 x 161
		CC	30	79 x 165 x 161
	20	J	40	--
		CC	30	--
	20I	J	80	--
	25	J	40	--
		CC	30	--
	25I	J	80	--
	30I	J	80	--
	40	J	40	--
40I	J	80	--	
65	J	80	--	


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CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-2332386-0
Report Reference E243386-20230921
Date 13-December-2024

Issued to: Gefran SPA
VIA SEBINA 74
PROVAGLIO D'ISEO, BS 25050
Italy

This is to certify that representative samples of NRNT2 - Switches, Industrial Control - Component
See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.


Standard(s) for Safety: UL 508, 18th Ed., Issue Date: 2018-03-30, Revision Date: 2021-07-08

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

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Model	Category Description
GRZ-3P, followed by - 2S, followed by - 15, 25, 25I, 30, 30I, 40, 40I, 50, 75, followed by - 48, 60, followed by - D, A, followed by - 0, 1, 2, 3, followed by - 0, followed by - 0, may be followed by alphanumeric digits	Industrial Control Switches
GRZ-3P, followed by - 3S, followed by - 10, 20, 20I, 25, 25I, 30I, 40, 40I, 65, followed by - 48, 60, followed by - D, A, followed by - 0, 1, 2, 3, followed by - 0, followed by - 0, may be followed by alphanumeric digits.	Industrial Control Switches

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SHORT CIRCUIT RATINGS:

Short Circuit tests were performed on models GRZ-H-3P (Certificate Number UL-US-2329182-0), which are identical in construction to models GRZ-3P, except for the presence of the specific heatsink. Consideration to this shall be given in the end use application.

For reference, below the ratings of GRZ-H-3P extracted by Certificate Number UL-US-2329182-0.

The following models are suitable for use on a circuit capable of delivery not more than 100,000 rms symmetrical amperes at maximum 600 Vac 3PH, when protected by UL Listed (JDDZ) fuses with size and class as specified in the table below:

SCR's Switch Model Nos. Nomenclature		Fuse Class	Fuse Current Maximum Size (A)	Minimum enclosure size width x height x depth (mm)
Item: I + II	Item: III			
GRZ-H-3P- 2S	15	J	40	79 x 165 x 161
		CC	30	79 x 165 x 161
	25	J	40	--
		CC	30	--
	25I	J	80	--
	30	J	40	--
		CC	30	--
	30I	J	80	--
	40	J	40	--
	40I	J	80	--
50	J	80	--	
75	J	80	--	
GRZ-H-3P- 3S	10	J	40	79 x 165 x 161
		CC	30	79 x 165 x 161
	20	J	40	--
		CC	30	--
	20I	J	80	--
	25	J	40	--
		CC	30	--
	25I	J	80	--
	30I	J	80	--
	40	J	40	--
40I	J	80	--	
65	J	80	--	


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