



Product Service

CERTIFICATE

No. B 015813 0021 Rev. 02

Holder of Certificate: **Wieland Electric GmbH**

Brennerstr. 10 - 14
96052 Bamberg
GERMANY

Certification Mark:



Product:

Switches
(Emergency Stop devices, direct opening action)

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 713377680

Valid until: 2030-05-25

Date, 2025-07-23



(Benedikt Pulver)

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Model(s):

R1.200.0100.0 SNH0100, R1.200.0200.0 SNH0200
R1.200.0300.0 SNH0300, R1.200.0400.0 SNH0400
R1.200.0500.0 SNH0500, R1.200.0600.0 SNH0600
R1.200.0700.0 SNH0700
08.000.0324.5 MTI_104387, 08.000.0324.6 MTO_104387
08.000.0324.7 MTOSF_104387, 08.000.0325.1
MHR_3_104387
08.000.325.2 MHR_5_104387, 08.000.0325.4
MAL_104387
08.000.0400.7 MTO_545_104387
08.000.0401.2 MTI_545_104387
08.000.0400 MTOSFE_104387
R1.210.2402.0 SNH 2402 2NC M12
R1.210.1102.0 SNH 1102 2NC M12

Brand Name:

Wieland Electric

Ratings:

see next pages

When installing all requirements of mentioned test specification(s) and conditions of acceptability must be fulfilled.

Tested according to:

EN 60947-5-1:2017
EN 60947-5-5:1997/A2:2017
EN ISO 13850:2015

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Device	Ratings	
R1.200.0100.0 SNH0100	Emergency stop actuator with contactor Contactor 08.000.0324.5 08.000.0324.6 08.000.0324.7 08.000.0401.2 08.000.0400.7 Electrical rating, silver contacts: Utilisation category: AC Rated insulation voltage Ui: 600 V Rated operational voltage Ue: 440 V (1.6 A) (Rated operational current Ie) 250 V (3 A)	Complete device: Lifetime: 50,000 SNH0300: > 6050 Storage temperature: - 30 °C ... 85 °C Operating temperature: - 30 °C ... 70 °C Tightening torque: max. 2.5 Nm
R1.200.0200.0 SNH0200	DC DC13 Q600 250 V (0.2 A)	
R1.200.0300.0 SNH0300	125 V (0.4 A) 60 V (1 A)	
R1.200.0400.0 SNH0400	24 V (2 A) 1.1Ie	
R1.200.0500.0 SNH0500	Make and break capacities: 10Ie Rated impulse withstand voltage Uimp: 4 kV Thermal current rating Ith: 16 A	
R1.200.0600.0 SNH0600	Mechanical endurance: 1 M Electrical endurance: 1 M (at rated load)	
R1.200.0700.0		
08.000.0400.6		Complete device: Lifetime: 20,000 SNH0300: > 6050 Storage temperature: - 50 °C ... 85 °C Operating temperature: - 30 °C ... 70 °C Tightening torque: max. 2.5 Nm
	Electrical rating, silver contacts: Rated insulation voltage Ui: 250 V Rated operational voltage Ue: 250 V (3 A) (Rated operational current Ie)	DC 250 V 250 V (0.2 A) 125 V (0.4 A) 60 V (1 A) 24 V (2 A) 1.1Ie
	Make and break capacities: 10Ie Thermal current rating Ith: 16 A Mechanical endurance: 20,000 Electrical endurance: 20,000	
	Accessoires: 08.000.0325.4 Connection module for illuminated emergency stops, 12 – 30 V AC/DC, 8 – 44 mA	
08.000.0325.1	Module holder for 3 elements	
08.000.0325.2	Module holder for 5 elements	

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R1.210.1102.0 SNH 1102 2NC M12	<table><tr><td colspan="3">Emergency stop with M12</td></tr><tr><td>Utilisation category:</td><td>AC AC15</td><td>DC DC13</td></tr><tr><td>Rated insulation voltage Ui:</td><td>50 V</td><td>50 V</td></tr><tr><td>Rated operational voltage Ue:</td><td>35 V (2 A)</td><td>35 V (2 A)</td></tr><tr><td>(Rated operational current Ie)</td><td></td><td></td></tr><tr><td>Rated impulse withstand voltage Uimp:</td><td>2.5 kV (contact block)</td><td></td></tr><tr><td>Thermal current rating Ith</td><td>2 A</td><td></td></tr><tr><td>Mechanical endurance</td><td>50,000 cycles</td><td></td></tr><tr><td>Electrical endurance</td><td>50,000 cycles</td><td></td></tr><tr><td>Connection</td><td colspan="2">M12 connector (m), 5-pin Pin 5.2: opener 1; Pin 1,4: opener 2; Pin 3: nc</td></tr><tr><td>operating ambient temperature</td><td colspan="2">-25°C ... + 70°C</td></tr><tr><td>storage temperature</td><td colspan="2">-40°C ... + 80°C</td></tr></table>	Emergency stop with M12			Utilisation category:	AC AC15	DC DC13	Rated insulation voltage Ui:	50 V	50 V	Rated operational voltage Ue:	35 V (2 A)	35 V (2 A)	(Rated operational current Ie)			Rated impulse withstand voltage Uimp:	2.5 kV (contact block)		Thermal current rating Ith	2 A		Mechanical endurance	50,000 cycles		Electrical endurance	50,000 cycles		Connection	M12 connector (m), 5-pin Pin 5.2: opener 1; Pin 1,4: opener 2; Pin 3: nc		operating ambient temperature	-25°C ... + 70°C		storage temperature	-40°C ... + 80°C		
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R1.210.2402.0 SNH 2402 2NC M12	<table><tr><td colspan="3">Emergency stop in M12 housing</td></tr><tr><td>Operating temperature</td><td colspan="2">-25 °C ... +60 °C</td></tr><tr><td>Storage temperature</td><td colspan="2">-25 °C ... +85°C</td></tr><tr><td>Mechanical endurance</td><td colspan="2">50,000 cycles</td></tr><tr><td>Electrical endurance</td><td colspan="2">50,000 cycles at nominal load</td></tr><tr><td>Connection</td><td colspan="2">M12 connector (m), 5-pin Pin 5.2: opener 1; Pin 1,4: opener 2; Pin 3: nc</td></tr><tr><td>Utilisation category:</td><td colspan="2">DC DC13</td></tr><tr><td>Rated operational voltage Ue:</td><td colspan="2">60 V / 24 V</td></tr><tr><td>Rated operational current Ie:</td><td colspan="2">1 A / 2 A</td></tr><tr><td>Thermal current rating Ith</td><td colspan="2">4A</td></tr><tr><td>Make and break capacities:</td><td colspan="2">1.1Ie</td></tr><tr><td>Impulse Test Voltage</td><td colspan="2">1.5kV</td></tr></table>	Emergency stop in M12 housing			Operating temperature	-25 °C ... +60 °C		Storage temperature	-25 °C ... +85°C		Mechanical endurance	50,000 cycles		Electrical endurance	50,000 cycles at nominal load		Connection	M12 connector (m), 5-pin Pin 5.2: opener 1; Pin 1,4: opener 2; Pin 3: nc		Utilisation category:	DC DC13		Rated operational voltage Ue:	60 V / 24 V		Rated operational current Ie:	1 A / 2 A		Thermal current rating Ith	4A		Make and break capacities:	1.1Ie		Impulse Test Voltage	1.5kV		
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