



Product Service

CERTIFICATE

No. B 019303 0018 Rev. 01

Holder of Certificate: **RAFI GmbH & Co.KG**

Ravensburger Str. 128-134
88276 Berg / Ravensburg
GERMANY

Certification Mark:



Product:

**Switches
(emergency off/emergency stop and
breaking switches)**

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.: 713385761

Valid until: 2030-05-25

Date, 2025-11-26

(Benedikt Pulver)



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Model(s):

Lumotast 16 Series

1.15.213.001/0000
1.15.213.002/0000
1.15.213.003/0000
1.15.213.004/0000
1.15.213.011/0000
1.15.213.012/0000
1.15.213.013/0000
1.15.213.014/0000
1.15.213.054/0000
1.15.213.064/0000

Lumotast 22 Series

1.15.105.001/0000
1.15.105.011/0000
1.15.105.021/0000
1.15.105.031/0000
1.15.105.002/0000
1.15.105.012/0000
1.15.105.022/0000
1.15.105.032/0000
1.15.105.112/0000

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Parameters:

Lumotast 16 Series

Device	Ratings
1.15.213.001/0000 1.15.213.002/0000 1.15.213.003/0000 1.15.213.004/0000 1.15.213.011/0000 1.15.213.012/0000 1.15.213.013/0000 1.15.213.014/0000	Actuators with integrated contact blocks with Faston terminals
	1.15.213.0x1... 1 NC 1.15.213.0x2... 2 NC 1.15.213.0x3... 2 NC/1 NO 1.15.213.0x4... 2 NC with LED
	x stands for contact variants 0 Silver contact 1 gold contact
	LED: max. 30V AC/DC 8mA/4.5mA (24 V DC/AC)
	Gold plated contact gold plating 5µm Faston terminals: 2.8x0.5mm
	Mechanical life: 30.000 Electrical life: 30.000 (at rated load)
	Silver plated contacts:
	Utilisation category: AC15 / DC13
	Rated insulation voltage Ui: 250V
	Rated insulation current Ue: AC: 35V (5 A) (Rated operational current Ie) DC: 35V (2 A)
	Breaking capacity: AC: 10Ie / DC: 1.1Ie
	Continuous thermal current Ith: 5A AC / 2.5A DC
	Type: 1.15.213.0x2: AC15 B300: 240V 1.5A DC13 Q300: 250V 0.27A
	Gold plated contacts:
	Switching voltage: 20mV ... 35V AC/DC Switching current: 1mA ... 250mA Storage temperature: -40°...80°C Operating temperature: -25°...70°C Tightening torque: 0.8...1.5Nm for panel thickness 1.5 – 3mm

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Lumotast 16 Series (cont.)

Device	Ratings
1.15.213.054/0000 1.15.213.064/0000	Actuators with integrated contact blocks (active/inactive) with status indication active/inactive. with Faston terminals (1.15.213)
	2 NC Contacts
	LED-Data: (with series resistor and protective diode) Current: typ. 14 mA at 24Vdc 12.5<14.2mA<16mA (bei 24 V DC ± 10%)
	Faston terminals: 2.8x0.5mm
	Silver plated contacts (054):
	Utilisation category: AC15 / DC13
	Rated insulation voltage Ui: 250V
	Overvoltage Category II (2.5kV)
	Pollution Degree 2
	Rated insulation current Ue: AC: 35V (2A) (Rated operational current Ie) DC: 35V (2A)
	Insulation withstand voltage Uimp: 2.5kV
	Breaking capacity: AC: 10Ie / DC: 1.1Ie
	Continuous thermal current Ith: 2.5A AC
	Gold plated contacts (064): gold plating 5µm
	Switching voltage: 20mV ... 35V AC/DC
	Switching current: max. 100mA
	Storage temperature: -40°...80°C
	Operating temperature: -25°...55°C
	Tightening torque: 0.8...1.5Nm

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Lumotast 22 Series

Device	Ratings
	Actuators with integrated Contact blocks 1.15.105.00x/0000 2 NC 1.15.105.01x/0000 2 NC with LED 1.15.105.02x/0000 2 NC/1 NO 1.15.105.03x/0000 1 NC/1 NO x is 1 or 2 and stands for different mushroom heads LED-Data: (without series resistor and protective diode) max. 30V AC/DC 8mA/4.5mA (24 V DC/AC) 1.15.105.001/0000 1.15.105.011/0000 1.15.105.021/0000 1.15.105.031/0000 1.15.105.002/0000 1.15.105.012/0000 1.15.105.022/0000 1.15.105.032/0000 Types with 3 contacts or with illumination: Overvoltage category II (2.5kV), Pollution degree 2 Mechanical life: 50.000 Electrical life: 50.000 (at rated load) Utilisation category: AC15 B300 / DC13 Q300 Rated insulation voltage Ui: 250V AC/DC Rated operational voltage Ue: AC: 240V(1.5A) / 120V(3A) (Rated operational current Ie) DC: 250V(0.27A) / 125V(0.55A) / 60V(1A) / 24V(2A) Insulation withstand voltage Uimp: 2.5kV Breaking capacity: AC: 10Ie / DC: 1.1Ie Continuous thermal current Ith: 5A AC / 2.5A DC Storage temperature: -40°...80°C Operating temperature..... -25°...70°C Tightening torque: 1.5...1.9Nm

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Lumotast 22 Series (cont.)

Device	Ratings
1.15.105.112/0000	Actuators with integrated contact blocks (active/inactive) with status indication active/inactive
	2 NC Contacts
	Status indication active/inactive acc. to ISO13850:2015, EN 13850:2016
	Mushroom grey inactive, no emergency-stop
	Mushroom red active emergency-stop
	Mechanical life: 50.000
	Electrical life: 50.000 (at rated load)
	Illumination (LED) Without-series resistor
	Recommended current: 15 – 20 mA
	Rated insulation voltage Ui: 250V
	Rated operational voltage Ue: AC: 35V(5A)
	(Rated operational current Ie) DC: 35V(2A)
	Overvoltage Category II (2.5kV)
	Pollution degree 2
	Insulation withstand voltage Uimp: 2.5kV
	Breaking capacity: AC: 10Ie / DC: 1.1Ie
	Continuous thermal current Ith: 5A AC / 2.5A DC
	Storage temperature: -40°...80°C
	Operating temperature: -25°...70°C
	Tightening torque: 1.5...1.9Nm

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