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ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT



Product Service

CERTIFICATE

No. B 019303 0018 Rev. 00

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
(Lumotast 16 and Lumotast 22)**

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. See also notes overleaf.

Test report no.: 028-713179460-000

Valid until: 2025-01-30

Date, 2020-04-17


(Susanne Dormann)



Product Service

CERTIFICATE

No. B 019303 0018 Rev. 00

Device	Ratings
1.15.213.054/0000 1.15.213.064/0000	<p>Actuators with integrated contact blocks (active/inactive) with status active/inactive with Faston terminals (1.15.213)</p> <p>2 NC Contacts</p> <p>LED-Data: (with series resistor and protective diode) Current: typ. 14 mA at 24Vdc 12,5<14,2mA<16mA (at 24 V DC ± 10%)</p> <p>Faston terminals: 2,8x0,5mm</p> <p>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: Ith: 2,5A AC</p> <p>Gold plated contacts (064): gold plating 5µm Switching voltage: 20mV ... 35V AC/DC Switching current: max. 100mA</p> <p>Storage temperature: -40° ... 80°C Operating temperature: -25° ... 55°C Tightening torque: 0,8...1.5Nm</p>

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Product Service

CERTIFICATE

No. B 019303 0018 Rev. 00

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 transparent 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

Production Facility(ies): 053244, 086394

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