



Emergency stops

General Data

Type reference:	NHQ..., NHR...
Description:	emergency braking switches for elevators, with toggle operation
Approvals:	CE
Protection class:	II (protective insulation)
Connection:	screw connections 2x2.5mm ²
Contactd material:	AgNi
Max. storage temperature:	-50°C ... 70°C
Max. operating temperature:	-30°C ... 70°C
Mechanical life:	500000 operations
Electrical life:	500000 cycles at rated load
Contact resistance NO:	< 20 mOhm (new state)
Contact resistance NC:	< 20 mOhm (new state)
Min. current:	1 mA (under laboratory conditions)
Min. voltage:	5 V
Bouncing time NO:	< 10ms
Bouncing time NC:	< 10 ms
Positive opening NC contactd:	acc. to EN60947-5-1, appendix K

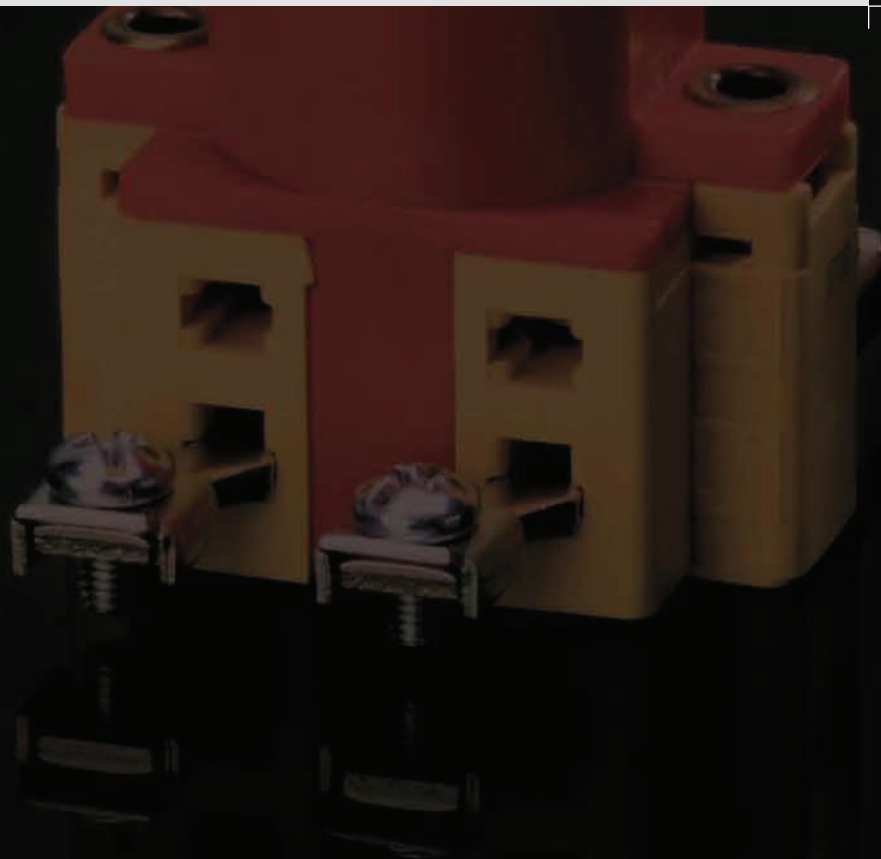
Electrical Data acc. to IEC/EN 60947-5-1 (VDE 0660 sect. 200)

	alternating current	direct current
Utilisation category:	AC15 A300	DC13 Q300
Rated insulation voltage Ui:	300V	300V
Rated operating voltage Ue:	250V	250V / 125V / 60V / 24V
Rated operating current Ie:	5A	0.2A / 0.4A / 1A / 2A
Breaking capacity:	10Ie	1.1Ie
Continuous thermal current:	10A	10A

Electrical Data acc. to IEC/EN 61058-1 (VDE 0630 sect. 1)

Rated voltage Ue:	250 V~
Rated current Ie:	10(6)A

- Emergency braking switches for elevators, with toggle operation, are equipped with ZT contact blocks (higher contact rivets).
- When switching off the contact lever rebounds to the „OFF-position“ before the contact opens.



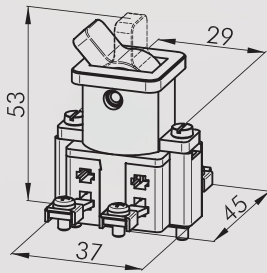
Emergency Braking Switches

Illustration

Dimensions

Description

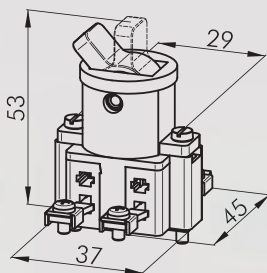
Type



Approved Emergency Braking Switch for elevators (square type)

NHQ_2S

1. Positive opening of the NC contacts.
2. When switching off the contact lever rebounds to the „OFF position“ before the contact opens.



Approved Emergency Braking Switch for elevators (round type)

NHR_2S

1. Positive opening of the NC contacts.
2. When switching off the contact lever rebounds to the „OFF position“ before the contact opens.

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