



## BN 85-5. 24-60VDC

- Enclosure with mounting slots
- Actuation from front
- Non-contact principle
- 5 reed contacts
- Long life
- LED switching conditions display
- connector
- Thermoplastic enclosure
- Reed-contact to clip-in, on-location assembly

## Data

### Ordering data

EAN (European Article Number)	4030661050041
eCl@ss number, Version 9.0	27-27-01-05
eCl@ss number, Version 11.0	27-27-01-05
ETIM number, version 6.0	EC002544
ETIM number, version 7.0	EC002544

### General data

Active principle	Magnetic drive
Housing construction form	rectangular
Enclosure material	Glass-fibre, reinforced thermoplastic
Gross weight	136 g

## General data - Features

Latching	Yes
Suitable for elevators	Yes
Integral System Diagnostics, status	Yes
Number of Snap-in contacts, maximum	5
Number of Snap-in contacts, minimum	1

## Mechanical data

Actuating panels	front side
Actuating element	Magnet
Mechanical life, minimum	1,000,000,000 Operations
Mounting	Enclosure with mounting slots

## Mechanical data - Switching distances according IEC 60947-5-3

Switch distance $S_n$	1 mm ... 14 mm
Notice (Switch distance $S_n$ )	The specified switching distances are applicable for the actuation of individually mounted components without ferromagnetic influence. A change of the distance, either positive or negative, is possible due to ferromagnetic influences. The mutual interference between multiple actuating magnets must be observed.

## Mechanical data - Connection technique

Terminal Connector	Connector, 10-pole
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## Mechanical data - Dimensions

Length of sensor	140 mm
Width of sensor	65 mm
Height of sensor	20 mm

## Ambient conditions

Degree of protection	IP30 to EN 60529
Ambient temperature, minimum	-10 °C
Ambient temperature, maximum	+75 °C
Resistance to shock	60 g, on sine wave oscillation

## Electrical data

Switching voltage, minimum	12 VDC
Switching voltage, maximum	60 VDC
Switching current, maximum	1 A
Switching capacity, maximum	30 W
Switching element	bistable contact

## Electrical data - Digital Output

Versions	Reed contacts
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## Scope of delivery

Included in delivery	Actuators must be ordered separately.
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## Accessory

Recommendation (actuator)	BP 7
Recommendation (actuator, lift switchgear)	BP 7

## Notes

Note (General)                      The opening and closing functions depend on the direction of actuation, the actuating magnets and the polarity of the actuating magnets.

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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