

BN 325-R-1389



- Long life
- 1 Reed contacts
- Spade connector
- Non-contact principle
- 85 mm x 26 mm x 24 mm
- Thermoplastic enclosure
- Flat plug-in connector 6.3 mm and 2 shielding plates
- Actuating surface and direction of actuation marked by switch symbol

Data

Ordering data

BN 325-R-1389

101147103

EAN (European Article Number) 4030661512303

eCl@ss number, Version 9.0 27-27-01-05

General data

BN 325

Active principle Magnetic drive

Housing construction form rectangular

Enclosure material Glass-fibre, reinforced thermoplastic

Gross weight 44 g

General data - Features

Latching Yes

Number of snap-in contacts 1

Mechanical data

Actuating panels lateral

Active area lateral

Actuating element Magnet

Mounting rear with 2 threaded bolts

Mechanical life, minimum 1,000,000,000 Operations

5 mm ... 55 mm
 2 x BP 21S = 20 ... 55 mm
 BP 34S = 10 ... 25 mm
 BP 10N = 10 mm
 BP 10S = 10 mm
 2 x BP 10N = 15 mm
 2 x BP 10S = 15 mm
 BP 15N = 12 mm
 BP 15S = 12 mm
 2 x BP 15/2N = 17 mm
 2 x BP 15/2S = 17mm
 BP 34N = 10 ... 25mm
 BP 20N = 5 ... 20 mm
 BP 20S = 5 ... 20 mm
 BP 31N = 5 ... 20 mm
 BP 31S = 5 ... 20 mm
 BP 11N = 10 mm
 BP 11S = 10 mm
 2 x BP 11N = 20 mm
 2 x BP 11S = 20 mm
 BP 12N = 15 mm
 BP 12S = 15 mm
 2 x BP 12N = 10 ... 25 mm
 2 x BP 12S = 10 ... 25 mm
 BP 21N = 15 ... 40 mm
 BP 21S = 15 ... 40 mm
 2 x BP 21N = 20 ... 55 mm

Notice (Switch distance S_n)	Actuating distance up to 55 mm depending on version and actuating magnet
Repeat accuracy R R	0.3 mm
Actuating speed, maximum	18 m/s

Mechanical data - Connection technique

Terminal Connector	Flat plug-in connector 6.3 mm and 2 Shielding plates
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Mechanical data - Dimensions

Height of sensor	26 mm
Length of sensor	24 mm
Width of sensor	85 mm

Ambient conditions

	IP40
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+70 °C
Resistance to vibrations to EN 60068-2-6	10 ... 55 Hz, amplitude 1 mm

50 g / 11 ms

Electrical data

Voltage type	AC (alternating current)
Switching voltage, maximum	250 VAC
Switching current, maximum	3 A
Switching capacity, maximum	120 W
Switching capacity, maximum	120 VA
Switching element	bistable contact
Bounce duration, minimum	0.3 ms
Bounce duration, maximum	0.6 ms
Switching frequency	1,080,000 /h

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

BP 10 S
2x BP 10 S
BP 15 S
BP 34 S
BP 20 S
BP 31 S
BP 11 S
2x BP 11 S
BP 12 S
BP 21 S
2x BP 21 S
BP 10 N
2x BP 10 N
BP 15 N
2 x BP 15/2 N
2x BP 15/2 S
BP 34 N
BP 20 N
BP 31 N
BP 11 N
2x BP 11 N
BP 12 N
2x BP 12 N
2x BP 12 S
BP 21 N
2x BP 21 N
BE 20
BE 20 N(S) ST 24VDC
BE 20 N(S) 48VDC

Notes

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

Pictures

Photo/Product/Catalogue

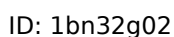
ID: kbn32f01



| 15,6 kB | .png | 74.083 x 34.219 mm - 210 x 97 Pixel
- 72 dpi

| 165,3 kB | .jpg | 352.778 x 162.631 mm - 1000 x 461
Pixel - 72 dpi

Dimension/Product/Basic

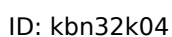


| 78,7 kB | .cdr |

| 7,5 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel
- 72 dpi

| 88,8 kB | .jpg | 352.778 x 244.475 mm - 1000 x 693
Pixel - 72 dpi

Graphic/Product/Contact



| 23,6 kB | .cdr |

| 205,4 kB | .jpg | 352.778 x 410.281 mm - 1000 x 1163 Pixel - 72 dpi

Diagramm/Product/Curve

| 110,5 kB | .jpg | 352.425 x 371.828 mm - 999 x 1054
Pixel - 72 dpi

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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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