

DualSense S

Sensor for safeguarding automatic sliding doors in accordance with EN 16005 and DIN 18650



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Technology	Active infrared (AIR)
Mounting height	min. 1.8 m, max. 4.0 m EN 16005 up to 3.0 m DIN 18650 up to 3.0 m
Dimensions of field/spot on the floor	See the specifications for mounting height 2.20 m below
Dimensions of AIR field	max. 2.00 × 0.20 m
Dimensions of AIR spot	30 × 30 mm
Number of AIR spots	2 rows with 12 spots each
Performance level AIR	PLd, Cat. 2 (EN ISO 13849-1)

Electrical data

Supply voltage	11.5 – 32 V DC
Operating current	max. 120 mA at 24 V
Inrush current	max. 240 mA
Test input	Automatic recognition
Response time to test signal	< 10 ms
Test input, high level	5 – 32 V DC, max. 4 mA
Infrared output	Solid state relay, max. 40 mA, max. 34 V DC / 24 V AC
Connection type (standard)	3 m cable with plug-in connector

Mechanical data

Housing material	ABS / PA
Housing color	black, silver, white
Dimensions (L × W × D)	252 × 61 × 51 mm
Weight	250 g
Protection class	IP54 (EN 60529)

Ambient conditions

Ambient temperature	min. –20 °C, max. +60 °C
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Relative Humidity max. 95 %, non-condensing

Box contents

Sensor with housing, mounting material, drilling template, control cable, DoC document, manual

Notice on conformity

 MD 2006/42/EC RED 2014/53/EU
RoHS 2011/65/EU

Technical documentation



You will find all documents on the manufacturer website
www.bircher.com

If you have any questions about the device, please contact us:

✉ service@bircher.com ☎ +41 52 687 1366

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BBC Bircher AG, Wiesengasse 20, CH-8222 Beringen
www.bircher.com