

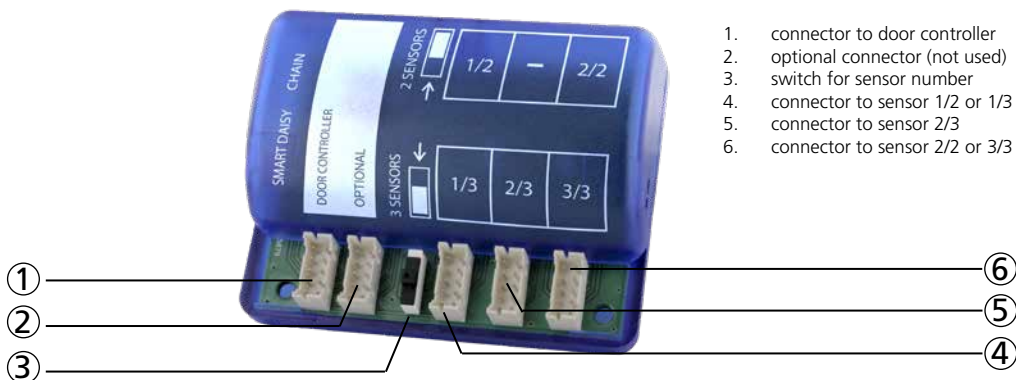


SDC HUB

SMART DAISY CHAIN ACCESSORY FOR IXIO-DT3*

* Other use of the device is outside of the permitted purpose and can not be guaranteed by the manufacturer.

DESCRIPTION



1. connector to door controller
2. optional connector (not used)
3. switch for sensor number
4. connector to sensor 1/2 or 1/3
5. connector to sensor 2/3
6. connector to sensor 2/2 or 3/3

TECHNICAL SPECIFICATIONS

Power consumption:	< 8 W (depending on number of sensors connected)
Supply voltage:	12 V DC - 24 V DC +10%
Monitoring response time:	max. 60 ms (depending on number of sensors connected)
Temperature range:	from -25° to +55° (0, -95% relative humidity, non condensing)
Protection degree:	IP20
Dimensions:	70 mm (W) x 55 mm (H) x 25 mm (D)
Housing material:	ABS (translucent blue)
Length of sensor cables:	2.50 m
Expected lifetime:	20 years
Output:	see specifications of sensor 2/2 or 3/3
Test input:	see specifications of sensor 1/2 or 1/3
Norm conformity of IXIO-DT3:	- RADAR: EN 12978; EN ISO 13849-1 PL «d» CAT. 2; EN 16005 Chapter 4.6.8; DIN 18650-1 Chapter 5.7.4; AutSchR; BS 7036-1:1996 Chapter 7.3.2 (only applicable for relay output in frequency mode and current source output) - INFRARED: EN 12978; EN ISO 13849-1 PL «c» CAT. 2 (under the condition that the door control system monitors the sensor at least once per door cycle) IEC 61496-1 ESPE Type 2; EN 16005 Chapter 4.6.8; DIN 18650-1 Chapter 5.7.4; BS 7036-1 Chapter 8.1

Specifications are subject to changes without prior notice - Measured in specific conditions and with a temperature of 25°C.

1 CONNECTION

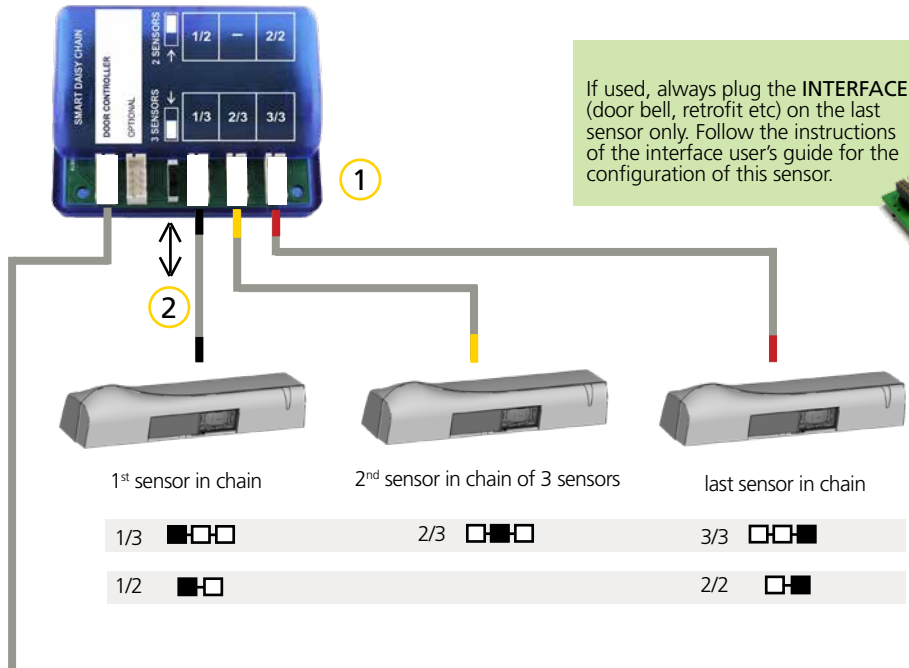
1 Connect 2 or 3 sensors to the hub.

The cables are marked on both ends to ease the installation.

2 Position the switch depending on number of sensors connected.

3 Connect the hub to the door controller.

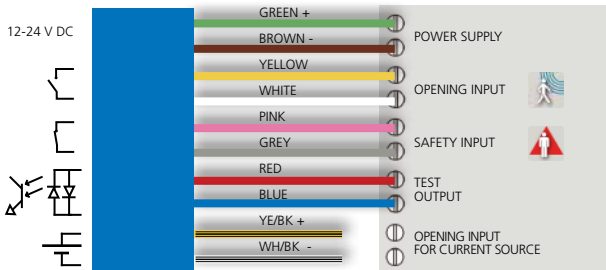
Use the IXIO-DT3 power cable.



3

SDC INTERFACE

DOOR CONTROLLER















2 CONFIGURATION

- 1 Configure the Smart Daisy Chain parameter on each sensor depending on its position in the chain and the number of sensors connected.










When changing this setting, the output and test parameters go into internal communication mode.

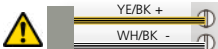
- 2 Configure the radar output on the last sensor of the chain.

1

	Redirection SmartDaisyC. OFF FactoryRst		SmartDaisyC. OFF	
	↑	↑	↑	
			SmartDaisyC. 	1 st sensor in chain of 2 sensors (1/2)
			SmartDaisyC. 	2 nd sensor in chain of 2 sensors (2/2)
			SmartDaisyC. 	1 st sensor in chain of 3 sensors (1/3)
			SmartDaisyC. 	2 nd sensor in chain of 3 sensors (2/3)
			SmartDaisyC. 	3 rd sensor in chain of 3 sensors (3/3)
			SmartDaisyC. Back	

2

	Rad: Fieldsize Rad: Output NO IR: Immunity		Rad:Output 	NO: normally open = factory value
	↑	↑	↑	
			Rad:Output 	NC: normally closed
			Rad:Output  Frequency	Frequency output for emergency exits
			Rad:Output  Current	Current source output for emergency exits
			Rad: Output Back	



ERROR CODES



3x

E3: SDC NOF

No communication

- 1 Check wiring.
- 2 Check sensor position and setting.



3x

E3: SDC POS

Position error in chain

- 1 Check sensor position and setting.
- 2 Check wiring.



BEA hereby declares that the SDC HUB is in conformity with the basic requirements and the other relevant provisions of the directives RED 2014/53/EU, RoHS 2 2011/65/EU.

Angleur, September 2017

Pierre Gardier, R&D Manager (Authorized representative)

The complete declaration of conformity is available on our website



Only for EC countries: According to the European Guideline 2012/19/EU for Waste Electrical and Electronic Equipment (WEEE)