

Datasheet

R7-BR-S
R7-BR-B


Bioreader

A powerful, small fingerprint reader can be mounted in the door leaf, next to the door or flush mounted on the wall. With the appropriate choice of control unit, another additional device can be operated (garage door, alarm...). The control unit can be mounted inside the door leaf or on the DIN rail in a fuse box.

Technical data

Capacity	498 fingerprints
Supply voltage	5 V, DC
Operating temperature range	-20 °C to +60 °C
Fast fingerprint recognition	<0,8 s
Maximum ambient humidity	up to 95 % IP54
Capacitive sensor	FPC1011F3, 172 × 200 px
Connection to the control unit	256-bit, encrypted
User interface	3-colour LED, beeper, X-manager App
FAR	1:1,000,000
FRR	1:100
Maximum current (5 V)	100 mA
Minimum current (5 V)	40 mA
Maximum power	0,5 W
Minimum power	0,2 W
UV protection	✓
Cable connection length	max 30 m

The product complies with the Electromagnetic Compatibility (EMC) Directive 2004/108/EC published in the Official Journal of the European Union L 390/24 on 31/12/2004.

The following harmonized standards are used:

EN61000-4-5:2016
EN61000-6-2:2016
EN61000-6-3:2007/A1 2011
EN55032:2012/AC:2013

Dimensions

	ID	R7-BR-S	R7-BR-B
	COLOR	silver	black
EXTERNAL DIMENSIONS (mm)	width	42,02	
	height	82,03	
	depth	3,35	
INSTALLATION DIMENSIONS (mm)	width	34,10	
	height	59,02	
	depth	18,42	

*Tolerance +/- 0,05 mm

