DATASHEET

Control unit (R8-CU-502-F)

The control unit is mounted in the door profile, next to the cable transfer. Cable transfer is included. Interference filters have been added to the communication line between the reader/keyboard and the control unit, and to the input voltage.

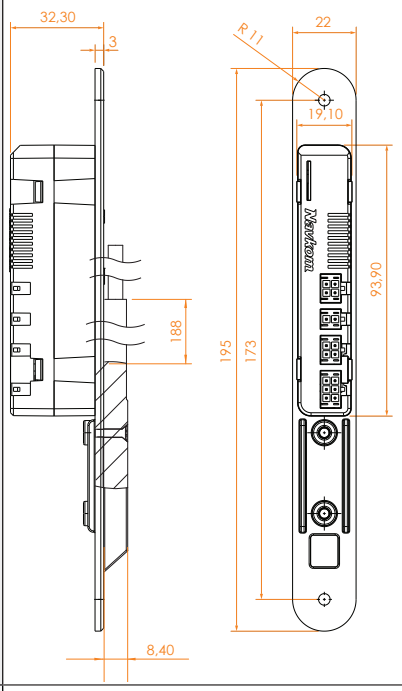
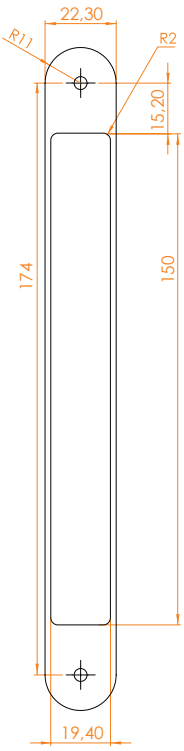


The product complies with the Electromagnetic Compatibility (EMC) Directive 2004/108/EC published in the Official Journal of the European Union L 390/24 on 31/12/2004.

The following harmonized standards are used:
EN61000-4-5:2016
EN61000-6-2:2016
EN61000-6-3:2007/A1 2011
EN55032:2012/AC:2013

Technical data

Supply voltage	8-24 V, DC
Operating temperature range	-20 °C to +60 °C
Maximum ambient humidity	up to 70 %, IP41
Relay trigger time	1-60 s
Number of relay outputs	2
User interface	reset button
Maximum peak current on the relay	1,5 A
Maximum permanent current on the relay	1 A
LED connection (maximum power)	15 W (12 V), 30 W (24 V)
Cable for connection	✔
Wi-Fi frequency	2,4 GHz
Maximum current (12 V)	300 mA
Maximum power	3,6 W
Standby power (12 V)	0,359 W
UV protection	✔
Cable connection length	max 40 m

ID		R8-CU-502-F
EXTERNAL DIMENSIONS	width	22
	height	195
	depth	3
DRAWING		
CUTOUT DIMENSIONS	width	20,30
	height	150
	depth	80
CUTOUT		

*All measurements are in mm.
*All measurements allow a tolerance of +/- 0,1 m.
*When the cutout area is painted after the cutout is made, increase the cutout for 0,2 mm on each side.

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