

DATASHEET

Modul (MX)

The small size reader is intended for door handle manufacturers, but due to its convenient size and plug & play design, it can be easily installed anywhere.



Versions:

R7-MX-100	R8-MX-100
R7-MX-110	R8-MX-110
R7-MX-200	R8-MX-200
R7-MX-210	R8-MX-210
R7-MX-250-S	R8-MX-250-S
R7-MX-250-B	R8-MX-250-B
R7-MX-300	R8-MX-300
R7-MX-310	R8-MX-310
R7-MX-350	R8-MX-350
R7-MX-370	R8-MX-370
R7-MX-400	R8-MX-400
R7-MX-420	R8-MX-420




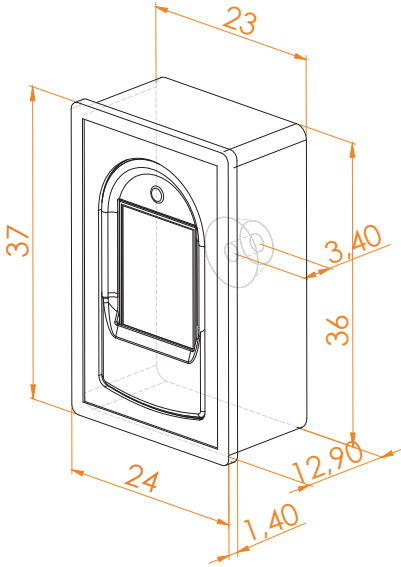
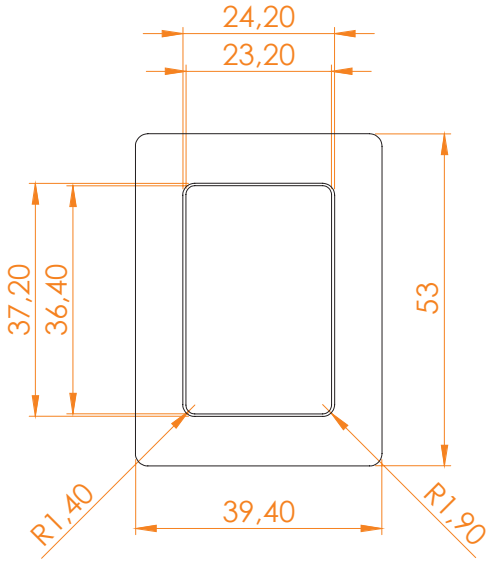
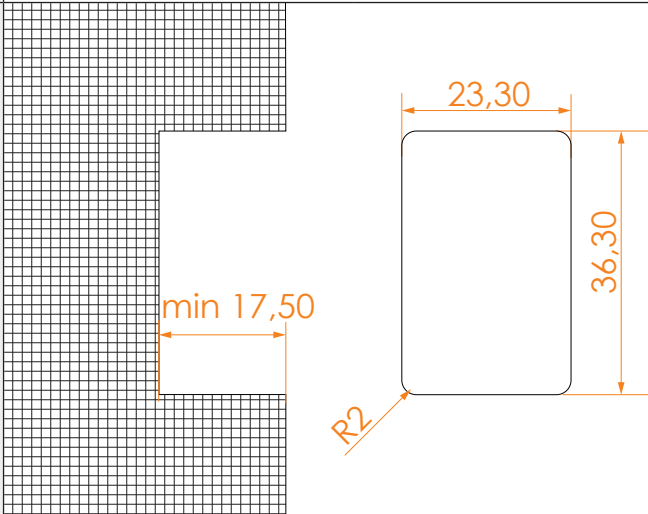
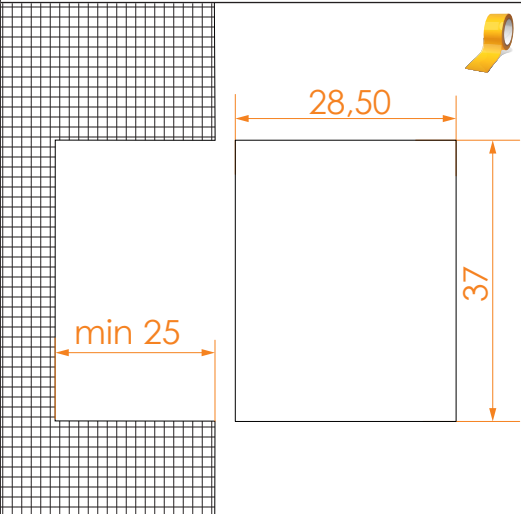
Technical data

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, App
FAR	1:1,000,000
FRR	1:100
Maximum current (5 V)	100 mA
Maximum power	0,5 W
Standby power	0,279 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



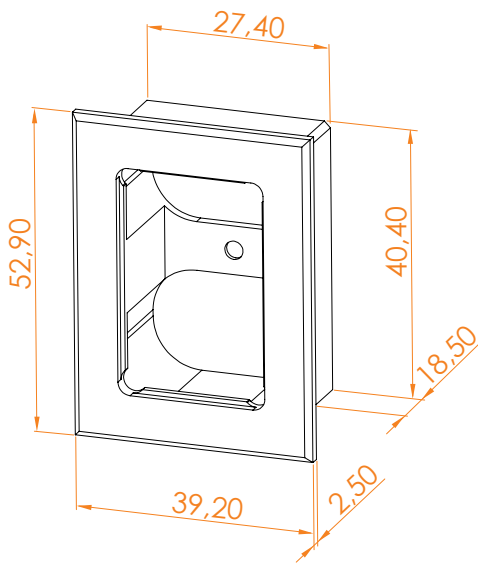
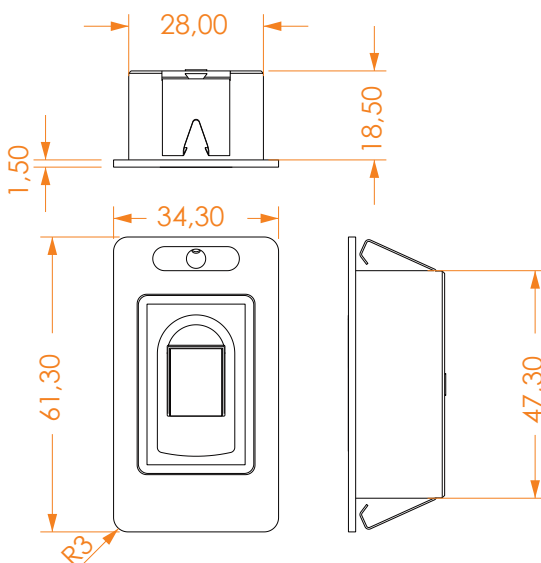
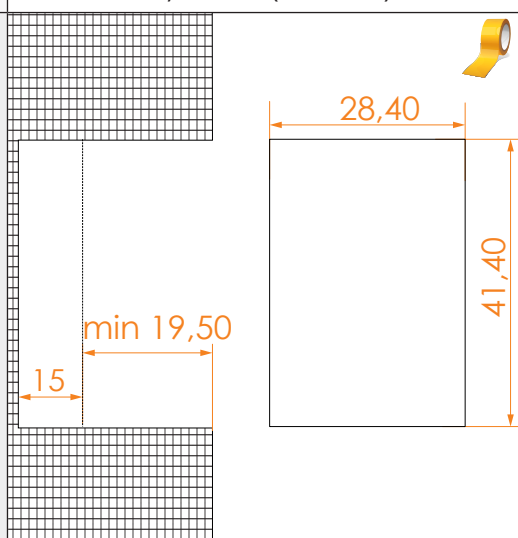
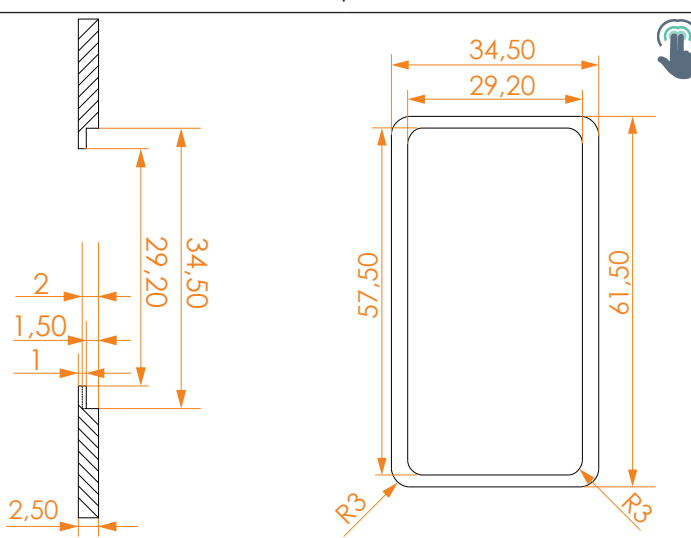
ID	R7	R7-MX-100	R7-MX-110	R7-MX-200
	R8	R8-MX-100	R8-MX-110	R8-MX-200
PHOTO				
COLOR		inox	black	inox
EXTERNAL DIMENSIONS	width	24		39,40
	height	37		53
	depth	1,40		2,50
DRAWING				
CUTOUT DIMENSIONS	width	23,30		28,50
	height	36,30		37
	depth	17,50		25
CUTOUT				


 Installation with double-sided adhesive tape


*All measurements are in mm.

*All measurements allow a tolerance of +/- 0,1 mm.

*When the cutout area is painted after the cutout is made, increase the cutout for 0,2 mm on each side.

ID	R7	R7-MX-210	R7-MX-250-S	R7-MX-250-B
	R8	R8-MX-210	R8-MX-250-S	R8-MX-250-B
PHOTO				
COLOR	black		inox	black
EXTERNAL DIMENSIONS	width	39,20	34,30	
	height	52,90	61,30	
	depth	2,50	1,50	
DRAWING				
CUTOUT DIMENSIONS	width	28,40	29,20	
	height	41,40	57,50	
	depth	19,50 + 15 (for cable)	20,50	
CUTOUT				

 Installation with double-sided adhesive tape

 Click installation

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*When the cutout area is painted after the cutout is made, increase the cutout for 0,2 mm on each side.




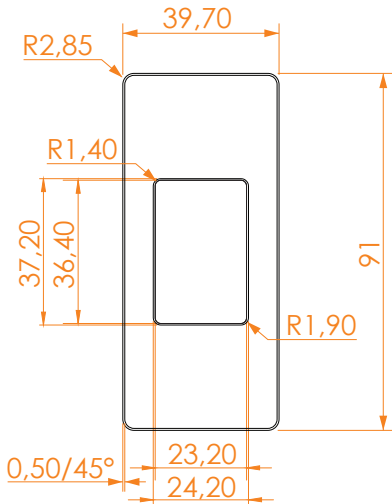
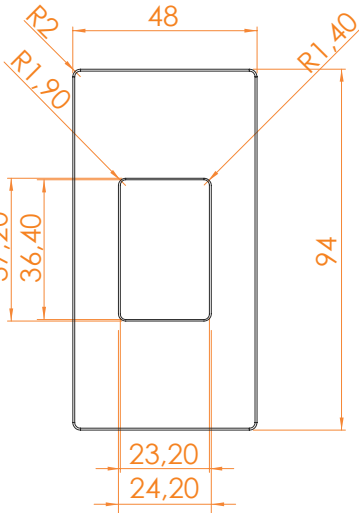
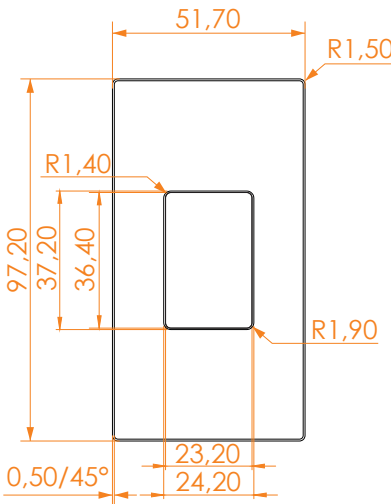
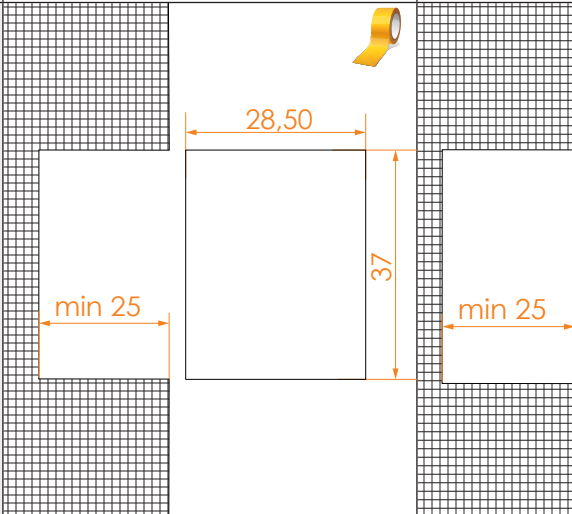
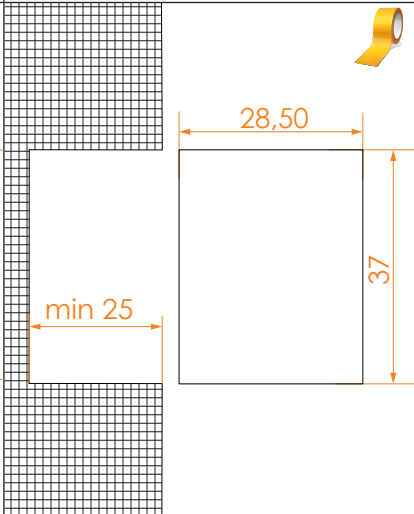
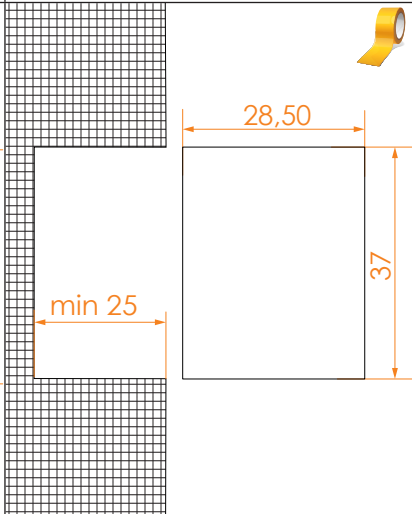
ID	R7	R7-MX-300	R7-MX-310	R7-MX-350
	R8	R8-MX-300	R8-MX-310	R8-MX-350
PHOTO				
COLOR	inox		black	
EXTERNAL DIMENSIONS	width	39,40	39,20	44,60
	height	79,25	78,95	75,40
	depth	2,5	3	2
DRAWING				
CUTOUT DIMENSIONS	width	28,50	29,05	28,50
	height	37	51,10	37
	depth	25	38,50	25
CUTOUT				


 **Installation with double-sided adhesive tape**

*All measurements are in mm.

*All measurements allow a tolerance of +/- 0,1 mm.

*When the cutout area is painted after the cutout is made, increase the cutout for 0,2 mm on each side.

ID	R7	R7-MX-370	R7-MX-400	R7-MX-420
	R8	R8-MX-370	R8-MX-400	R8-MX-420
PHOTO				
COLOR		inox	inox	inox
EXTERNAL DIMENSIONS	width	39,70	48	51,70
	height	91	94	97,20
	depth	3	2	2
DRAWING				
CUTOUT DIMENSIONS	width	28,50	28,50	28,50
	height	37	37	37
	depth	25	25	25
CUTOUT				

 Installation with double-sided adhesive tape

*All measurements are in mm.

*All measurements allow a tolerance of +/- 0,1 mm.

*When the cutout area is painted after the cutout is made, increase the cutout for 0,2 mm on each side.