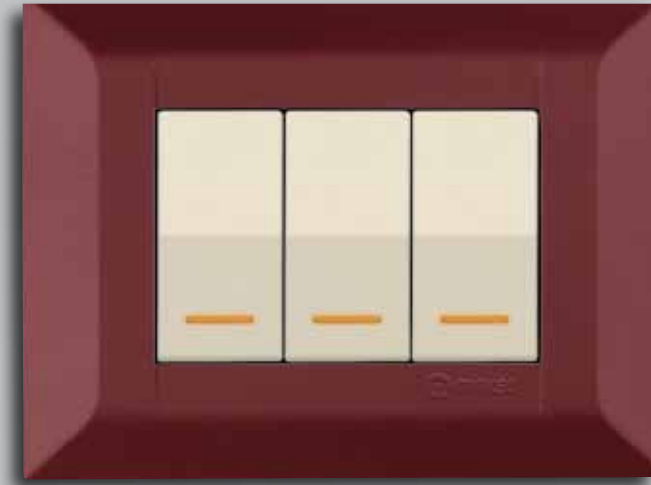




Millanta

Modular
Wiring
Solutions





CO



CONTENTS

Module Options	04 - 05
Frame Colors	06 - 07
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Modular Series

More functions in less place

Concept Designs Specific to Modern Spaces

The Makel Brand has created Modular Series that meets of the aesthetic and the quality, in order to fulfill today's expectations by adopting innovative understanding as a principle.

With the growing importance of technology in recent years in our lives, the fast-developing modern architecture and residential lifestyle, accordingly the increased use of technological products, became the main factor which steers the Makel's new design.

The modular series switch group that produced in this sense and allows the use of a combination of a greater number of switch functions at narrow area, is crucial in terms of respond to diverse needs at the same time on functionality.



Module Options

Module Colors



001 White



010 Beige



050 Fume



111 Black

Functions

Switches 1M



Switch



Switch illuminated



Light



Light illuminated



Cut Out and Two Way Switch



Cut Out and Two Way Switch illuminated



Door Control Switch



Door Control Switch illuminated



Bell Switch 220V



Bell Switch illuminated 220V



Deviator



Deviator illuminated



Venetian Blind Switch



Emergency Switch With String



Emergency Switch illuminated With String



Space (Gap) Cover

Switches 2M



Switch



Switch illuminated



Light



Light illuminated



Cut Out and Two Way Switch



Cut Out and Two Way Switch illuminated



Door Control Switch



Door Control Switch illuminated



Bell Switch 220V



Bell Switch illuminated 220V



Deviator



Deviator illuminated



Venetian Blind Switch

Sockets Outlet



Child Protected Schuko Socket



Child Protected Schuko UPS Socket



Child Protected Socket



Child Protected Schuko Socket Outlet With Cover



Italian Type Child Protected Socket



Socket Outlet Child Protected

Data Transfer - TV Antenna



Data Socket (cat.6)



Phone Socket Numeric (cat.3)



TV antenna Sock Resistless



TV Antenna Socket Female



TV Antenna Socket Male



Sat Final Socket Outlet



Sat Transient Socket Outlet



F-Connector

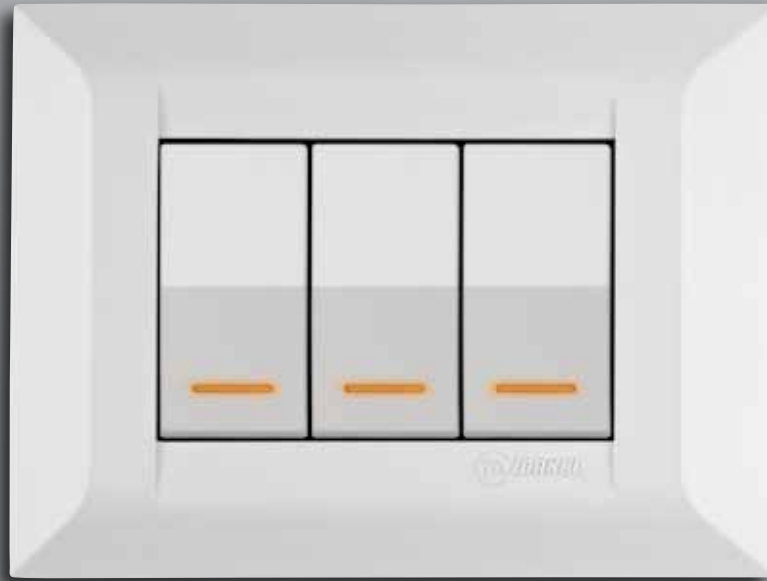


TV Sat Socket Final



TV Sat Socket Transient

Millanta Modular allows the use of combination of 52 function options from switch to dimmer.



Frame Colors



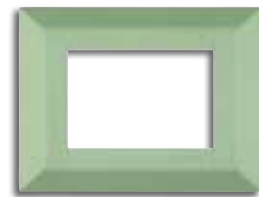
001 White



010 Beige



108 Red



091 Green



106 Blue



111 Glossy Black



107 Dark Claret Red



046 Gold



050 Fume



109 Titanium



053 Light Claret Red



054 Black



064 Grey



078 Lilac



071 Glossy Red



052 Khaki



051 Silver



110 Glossy Claret Red

Color Combinations



White / White



Titanium / Fume



Glossy Red / Black



Gold / Black



Light Claret Red / Beige



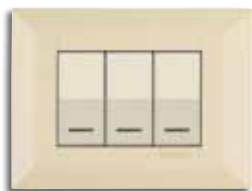
Green / White

Millanta Modular make the privileged your places with rich variety of color choices, while offering flexible and practical solutions to used spaces.





Silver / Fume



Beige / Beige



Black / Black



Red / White



Fume / Fume



Blue / White

All-purpose, functional living areas-pleasing, from two modules up to seven modules, all beautiful 18 different frame and 4 different rocker-cover color options.



Installation

Compliant with German standards and thanks to its frame and support system compliant with your electric installation, **Millanta Modular** can be applied without necessity for change in your current electric installation. It can be also used as 3M-4M-7M with Italian-type cases.

Frames suitable for round interlaced flush mount cases



2M Frame



2x2M Frame



3x2M Frame



4x2M Frame

Frames suitable for modular Italian type flush mount cases



3M Frame

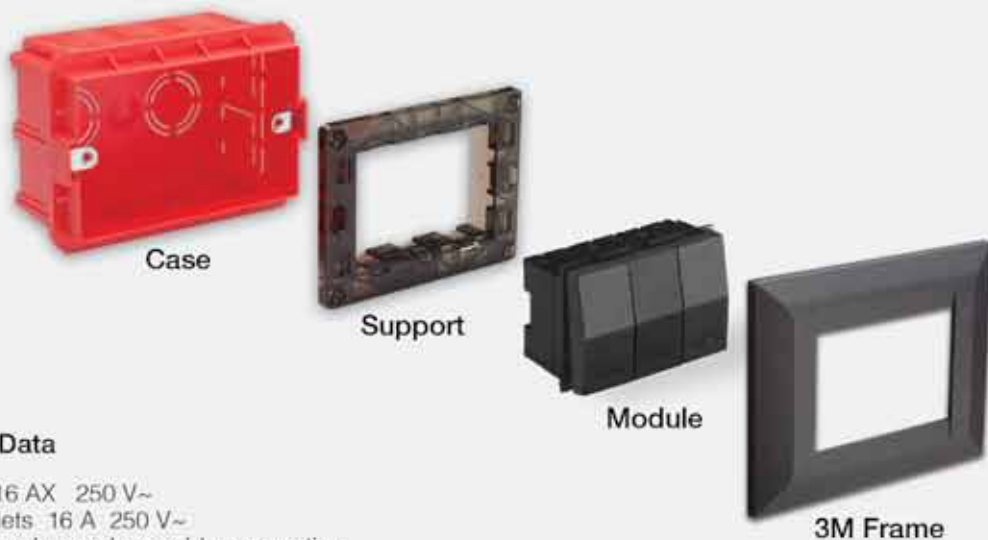


4M Frame



7M Frame

Millanta Modular; is composed of four components; module, frame, support and case and these parts can be ordered separately. Electric installation teams will have access to quite easy and safe installation that may be called "install-remove" thanks to the modular structure of Millanta Modular.



Case

Support

Module

3M Frame

Technical Data

- Switches 16 AX 250 V~
- Socket outlets 16 A 250 V~
- Screwed and screwless cable connection,
- Polycarbonate body and support,
- Ø 60 mm compliant with German standards, able to build single and multiple frame with both screwed and claw system with 2M carcasses on flush mounted cases (2M, 2x2M, 3x2M, 4x2M).
- Easy installation of the module on support and disassemble with a screwdriver,
- All socket outlets with child protection,
- Special designed cases allowing cable connection from all sides,
- 1M module TV-SAT socket,
- Frames can be changed without removing supports and modules,
- Supports are suitable with all Italian type cases,
- 1M – one module 22 mm,
- 2M – double module 44 mm,

Assembly method appropriate to flush mounted plug-in circular cases



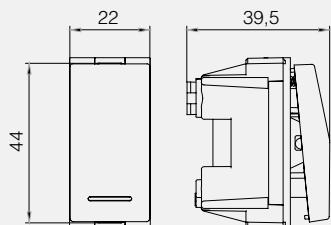
* Support with claws also available for 2M

Assembly method appropriate to flush mounted Modular Italian-type

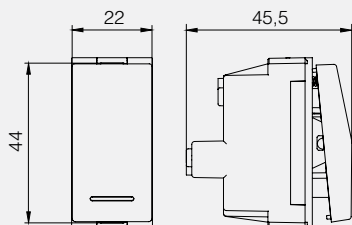


Technical Drawings

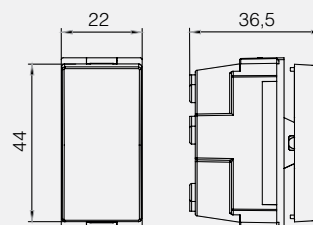
Switches 1M



- Switch / Switch illuminated
- Light / Light illuminated
- Cut Out and Two Way Switch
- Cut Out and Two Way Switch illuminated
- Door Control Switch
- Door Control Switch illuminated
- Bell Switch / Bell Switch Illuminated
- Emergency Switch With String

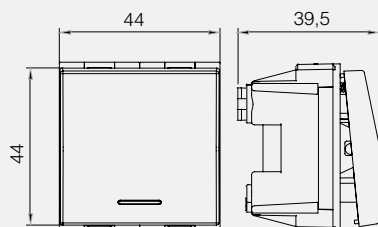


- Deviator illuminated
- Deviator

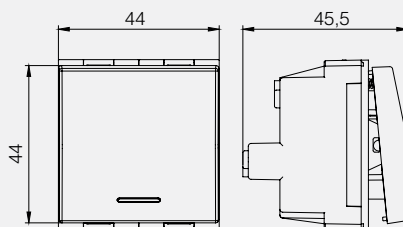


- Venetian Blind Switch

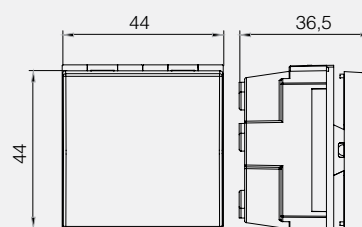
Switches 2M



- Switch / Switch illuminated
- Light / Light illuminated
- Cut Out and Two Way Switch
- Cut Out and Two Way Switch illuminated
- Door Control Switch
- Door Control Switch illuminated
- Bell Switch / Bell Switch Illuminated
- Emergency Switch With String

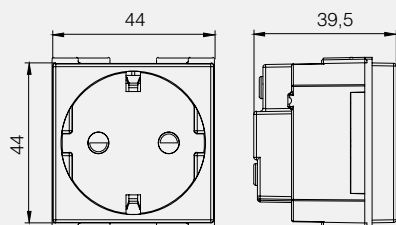


- Deviator illuminated
- Deviator

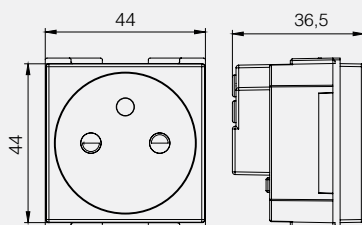


- Venetian Blind Switch

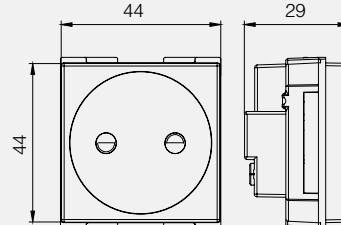
Socket Outlets



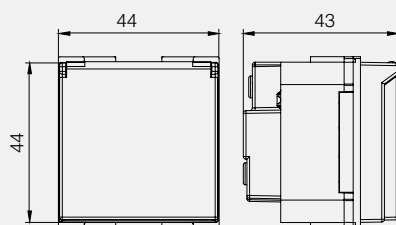
- Child Protected Schuko Socket



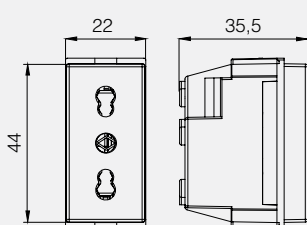
- Child Protected Schuko UPS Socket



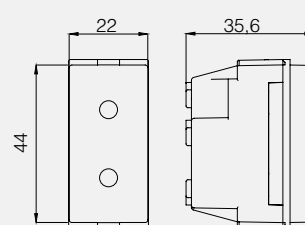
- Child Protected Socket



- Child Protected Schuko Socket Outlet With Cover

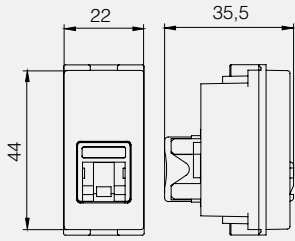


- Italian Type Child Protected Socket 1M

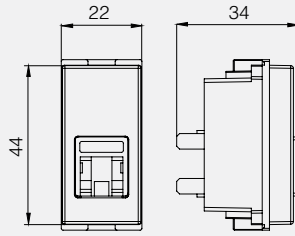


- Socket Outlet Child Protected 1M

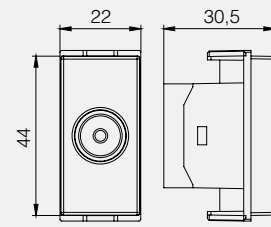
Data Transfer - TV Antenna



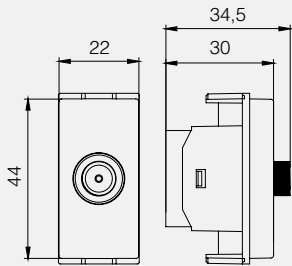
Data Socket (cat.6)



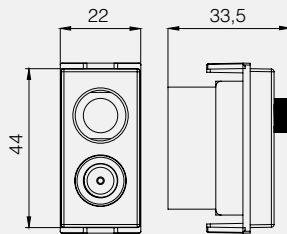
Phone Socket Numeric (cat.3)



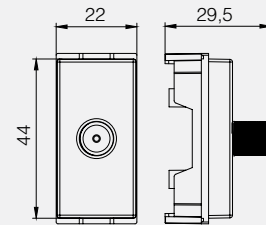
Tv Antenna Socket -Resistless
TV Antenna Socket Female
TV Antenna Socket Male



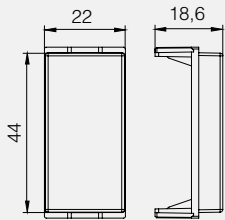
Sat Final Socket Outlet
Sat Transient Socket Outlet



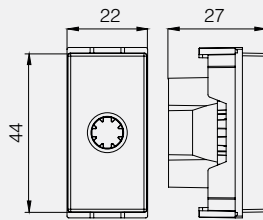
TV Sat Antenna Socket Final
TV Sat Antenna Socket Transient



F Connector

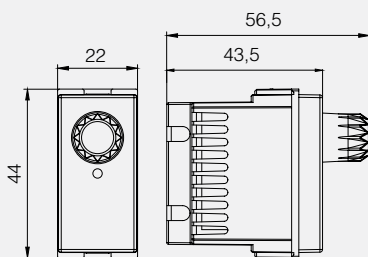


Space Cover 1 M

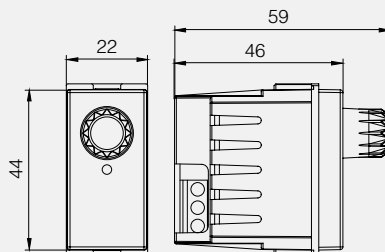


Cable Outlet Cover

Dimmers



Dimmer 300W

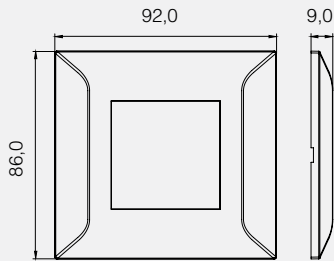


Vavien Dimmer 300 V

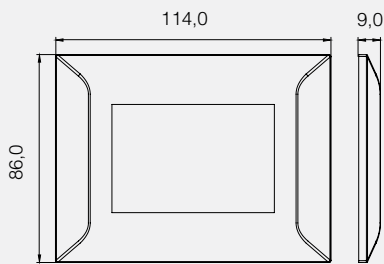
Technical Drawings

Millanta Modular Frames

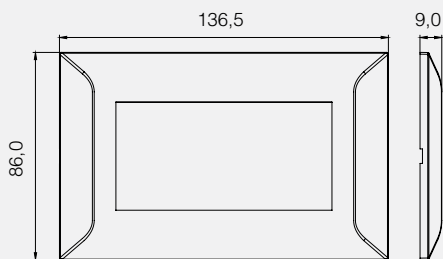
Frames suitable for modular Italian type flush mount cases



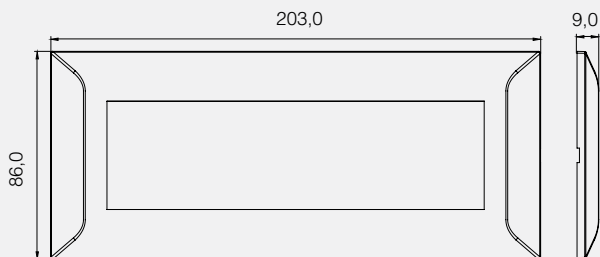
Millanta 2M Frame



Millanta 3M Frame

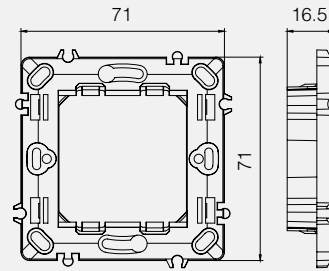


Millanta 4M Frame

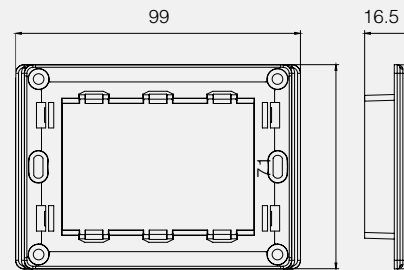


Millanta 7M Frame

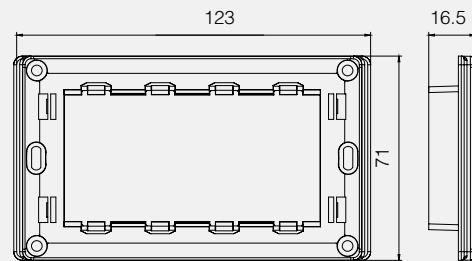
Supports



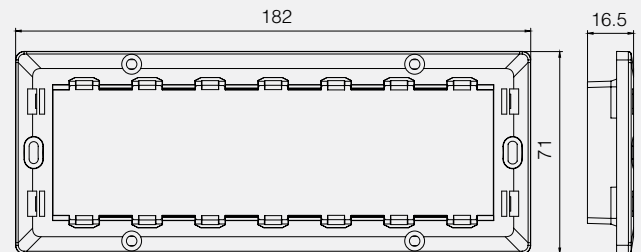
2M Support



3M Support

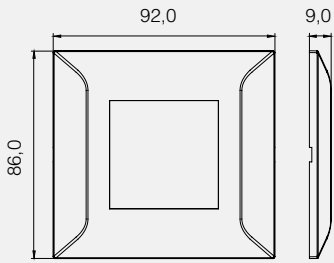


4M Support

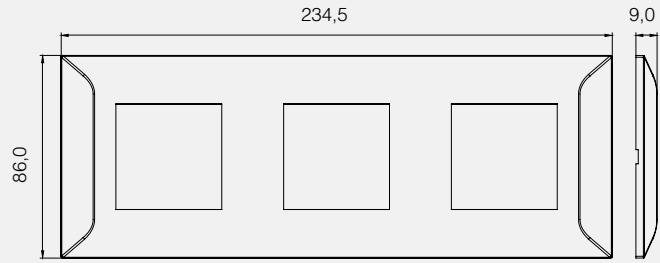


7M Support

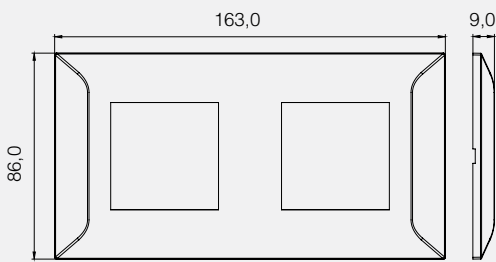
Frames suitable for round interlaced flush mount cases



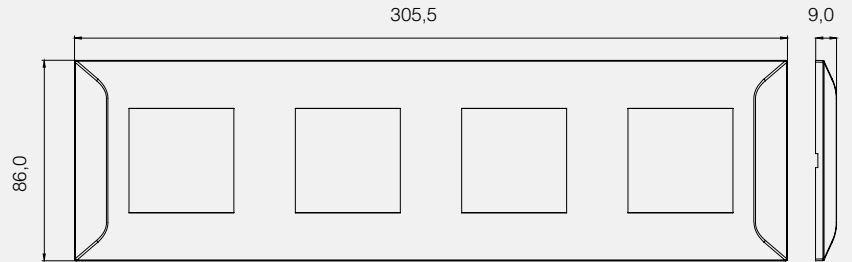
Millanta 2M Frame



Millanta 3x2M Frame

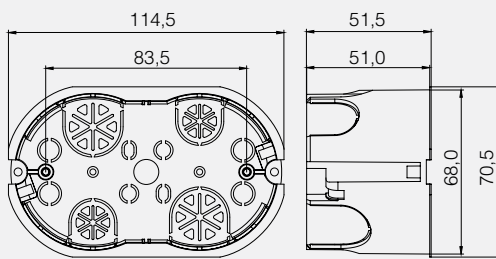


Millanta 2x2M Frame

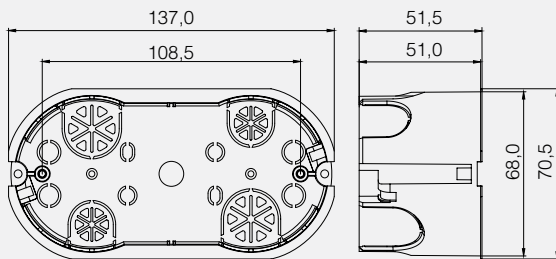


Millanta 4x2M Frame

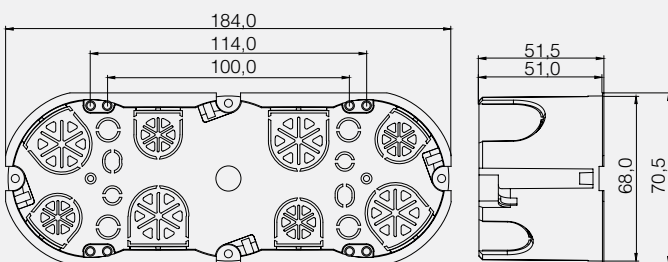
Cavity Wall Cases



3M Cavity Wall Case

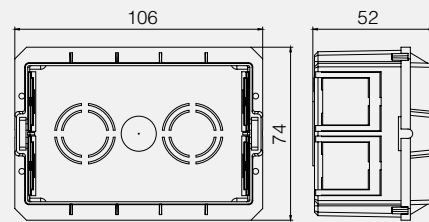


4M Cavity Wall Case

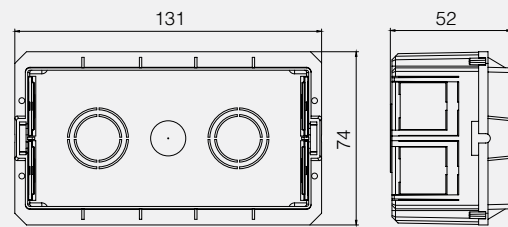


7 M Cavity Wall Case

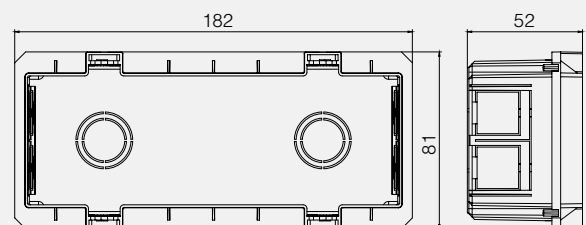
Flush Mounted Cases



3 M Flush Mounted Cases



4 M Flush Mounted Cases



7 M Flush Mounted Cases

Packing Information

Product Name	Code No.	Code No.	Piece in Package	Size of Package (mm)
Switch Group (Module + Rocker)				
Switch 1M	53 xxx 001	12	120	266x233x216
Switch illuminated 1M (Neon - Millanta)	53 xxx 021	12	120	266x233x216
Switch 2M	53 xxx 251	12	120	267x260x349
Switch illuminated 2M (Neon - Millanta)	53 xxx 237	12	120	267x260x349
Light Switch 1M	53 xxx 004	12	120	266x233x216
Light Switch illuminated 1M (Neon - Millanta)	53 xxx 024	12	120	266x233x216
Light Switch 2M	53 xxx 256	6	60	267x257x187
Light Switch illuminated 2M (Neon - Millanta)	53 xxx 257	6	60	267x257x187
Cut Out and Two Way Switch 1M	53 xxx 005	12	120	266x233x216
Cut Out and Two Way Switch illuminated 1M (Neon - Millanta)	53 xxx 025	12	120	266x233x216
Cut Out and Two Way Switch 2M	53 xxx 258	6	60	267x257x187
Cut Out and Two Way Switch illuminated 2M (Neon - Millanta)	53 xxx 259	6	60	267x257x187
Door Control Switch 1M	53 xxx 096	12	120	266x233x216
Door Control Switch illuminated 1M (Neon - Millanta)	53 xxx 097	12	120	266x233x216
Door Control Switch 2M	53 xxx 260	6	60	267x257x187
Door Control Switch illuminated 2M (Neon - Millanta)	53 xxx 261	6	60	267x257x187
Deviator 1M	53 xxx 020	12	120	266x233x216
Deviator illuminated 1M (Neon - Millanta)	53 xxx 040	12	120	266x233x216
Deviator 2M	53 xxx 262	6	60	267x257x187
Deviator illuminated 2M (Neon - Millanta)	53 xxx 263	6	60	267x257x187
Venetian Blind Switch 1M	53 xxx 041	12	120	266x233x216
Venetian Blind Switch 2M	53 xxx 264	6	60	267x257x187
Bell Switch 220V 1M	53 xxx 050	12	120	266x233x216
Bell Switch illuminated 220V 1M (Neon - Millanta)	53 xxx 070	12	120	266x233x216
Bell Switch 220V 2M	53 xxx 265	6	60	267x257x187
Bell Switch illuminated 220V 2M (Neon - Millanta)	53 xxx 266	6	60	267x257x187
Emergency Switch With String 1M	53 xxx 128	6	60	230x233x134
Space (Gap) Cover 1M	53 xxx 555	12	120	202x479x126
Space (Gap) Cover 2M	53 xxx 557	12	120	-
Cable Outlet Cover 1M	53 xxx 556	6	60	230x233x134
Socket Outlet Group				
Socket Outlet Child Protected 1M	53 xxx 129	12	120	-
Italian Type Child Protected Socket 1M	53 xxx 283	12	120	-
Child Protected Socket 2M	53 xxx 052	6	60	267x257x187
Child Protected Schuko Socket 2M	53 xxx 058	6	60	267x257x187
Child Protected Socket Outlet With Cover 2M	53 xxx 238	6	60	267x257x187
Child Protected Schuko UPS Socket 2M	53 xxx 053	6	60	267x257x187
Data Transfer				
Phone Socket Numeric (Cat3) 1M	53 xxx 014	12	120	266x233x216
Data Socket (Cat6) 1M	53 xxx 239	6	60	230x233x134
TV Antenna Group				
Tv Antenna Socket -Resistless 1M	53 xxx 142	12	120	266x233x216
Tv Antenna Socket Female 1M	53 xxx 027	12	120	266x233x216
Tv Antenna Socket Male 1M	53 xxx 007	12	120	266x233x216
TV Sat Socket Final 1dB 1M	53 xxx 098	12	120	266x233x216
TV Sat Socket Transient 1dB 1M	53 xxx 083	12	120	266x233x216
Sat Transient Socket Outlet 1M	53 xxx 133	12	120	266x233x216
Sat Final Socket Outlet 1M	53 xxx 134	12	120	266x233x216
F Connector 1M	53 xxx 280	12	120	266x233x216
Dimmer Group				
Dimmer 300V 1M	53 xxx 011	6	60	205x230x140
Vavien Dimmer 300V 1M	53 xxx 234	6	60	205x230x140
Electronic Group				
Emergency Light 2M	53 xxx 055	6	60	-
Energy Saver 3M	53 xxx 183	6	60	-
BAP-Audio Switch 2M	53 xxx 086	6	60	-
Hi-Fi Socket Outlet 1M	53 xxx 080	6	60	230x233x134

*For rocker & cover plate color selection please see color codes in 17. page for (xxx) blanks.

Product Name	Code No.	Piece in Box	Piece in Package	Size of Package (mm)
Frames				
Millanta Modular Frames				
2M Frame	50 xxx 766	12	120	202x479x126
3M Frame	50 xxx 767	12	120	202x479x149
4M Frame	50 xxx 768	12	120	202x479x172
7M Frame	50 xxx 769	12	72	202x290x241
2x2M Frame	50 xxx 702	6	60	310x195x210
3x2M Frame	50 xxx 703	6	60	310x195x280
4x2M Frame	50 xxx 704	6	60	310x195x355
Cases				
Flush Mounted Case (White)	10011	-	300	400x600x345
3M Case - Flush Mounted (Red)	53 000 244	-	48	210x444x211
4M Case - Flush Mounted (Red)	53 000 245	-	48	262x444x208
7M Case - Flush Mounted (Red)	53 000 246	-	36	368x491x163
Flush Mounted Cavity Wall Case With Claw	10013	-	200	417x455x290
3M Case - Cavity Wall (Blue)	53 000 247	-	48	-
4M Case - Cavity Wall (Blue)	53 000 248	-	48	-
7M Case - Cavity Wall (Blue)	53 000 249	-	36	-
Supports				
2M Support	53 000 240	12	120	160x405x230
3M Support	53 000 241	12	120	210x390x211
4M Support	53 000 242	12	120	261x390x211
7M Support	53 000 243	12	72	377x238x211
2M Support - With Claw	53 000 250	12	120	160x405x230

*For frame color selection please see color codes below for (xxx) blanks

Millanta Frame Colors Codes

Frames	Code No.
White	001
Beige	010
Glossy Black	111
Glossy Red	071
Grey	064
Clared Red	110
Black	054
Khaki	052
Titanium	109
Fume	050
Silver	051
Gold	046
Green	091
Blue	106
Red	108
Light Clared Red	053
Dark Clared Red	107
Lilac	078

Rocker and Cover Color Codes

Frames	Code No.
White	001
Beige	010
Black	111
Fume	050



Makel Electrical Supplies Industry and Trade. Inc. Co.
İstiklal Mah. Mareşal Fevzi Çakmak Cad. No.: 38
Kıraç - 34522 Esenyurt - İSTANBUL - TÜRKİYE
Phone: +90 212. 689 50 50 (pbx) • Fax: +90 212. 689 50 61

www.makel.com.tr • makel@makel.com.tr

