V:KO by Panasonic

General Catalogue

Life Solutions

Solutions that make life easier...

Panasonic Life Solutions Turkey operates in its industrial facilities in Istanbul and aims to deliver innovative products and solutions that provide comfort, security and energy efficiency to the world markets and to provide a better and more comfortable life with human-focused approaches. Together with the investment carried out in 2014, Panasonic Life Solutions Turkey, holding VIKO also, the leading brand in the sector with Super Brand status represents successfully its brands in the world markets by exporting to more than 60 countries and continues its leadership in Turkey.

Panasonic Life Solutions Turkey having industrial facilities that implemented all integrations required by technological transformation carries out R & D, innovation and design studies successfully to produce products and solutions to improve the quality of living spaces of users and to offer innovative products to the market.

In the product range of Panasonic Life Solutions Turkey; there is Electric Switches and Sockets, Group Sockets, Accessories, Low-Voltage Switchgear Products, Fuse Boxes, Electronic Electricity Meters, Automated Meter Reading Systems, Smart House and Building Automation Systems, LED Lighting Products, Professional Hand Tools, Solar Energy Panels, Video Surveillance Systems and Fire Detection Systems.

Panasonic Life Solutions Turkey, addressing sustainability through corporate approaches and carrying out social responsibility projects that add value to the future has also ISO 9001, ISO 14001, OHSAS 18001 and ISO 27001 Information Security Systems as a result of its approach to quality, safety and environmental responsibility.

Panasonic Life Solutions Turkey will continue to offer products and solutions that add comfort to life in line with emerging technologies by supporting the ability to respond to changing needs of its customers with the goal of “A Better Life, A Better World”.

index

Switches and Sockets

World of Solutions	06 - 17
Linnera	18 - 25
Rollina	26 - 33
Kardelen	34 - 43
Karre	44 - 53
Meridian	54 - 63
Merida Slim	64 - 73
Carmen	74 - 83
Vera	84 - 89
Pacific	90 - 97
Palmiye	98 - 103
Multi-let	104 - 111
Accessories	112 - 116
Technical Specifications	117 - 137

Low Voltage Switchgears

Miniature Circuit Breaker	140 - 145
Residual Current Circuit Breaker	146 - 149
Modular Products	150 - 161
Moulded Case Circuit Breaker	162 - 173
Contactors	174 - 181
Thermal Relays	182 - 185
Motor Protection Switches	186 - 189
Distribution Boxes	190 - 197

welcome to the world of solutions

VİKO targets quality improved lives with more comfort and advanced technology in every solution provided. It meets the requirements of project and decoration with series having more human-oriented and rich options.

technologies that make life easier

Programmable Shutter Control

Shutter Control with digital display offers thief scenarios and daily and weekly programming options.

TV and Satellite Sockets

TV, satellite and radio socket options with low loss and high image quality meet the expectations with multiple combinations.

Multimedia Connector

Provides connection solutions for the needs of different audio, image transfer.

Multi-let Shock Protected Group Socket

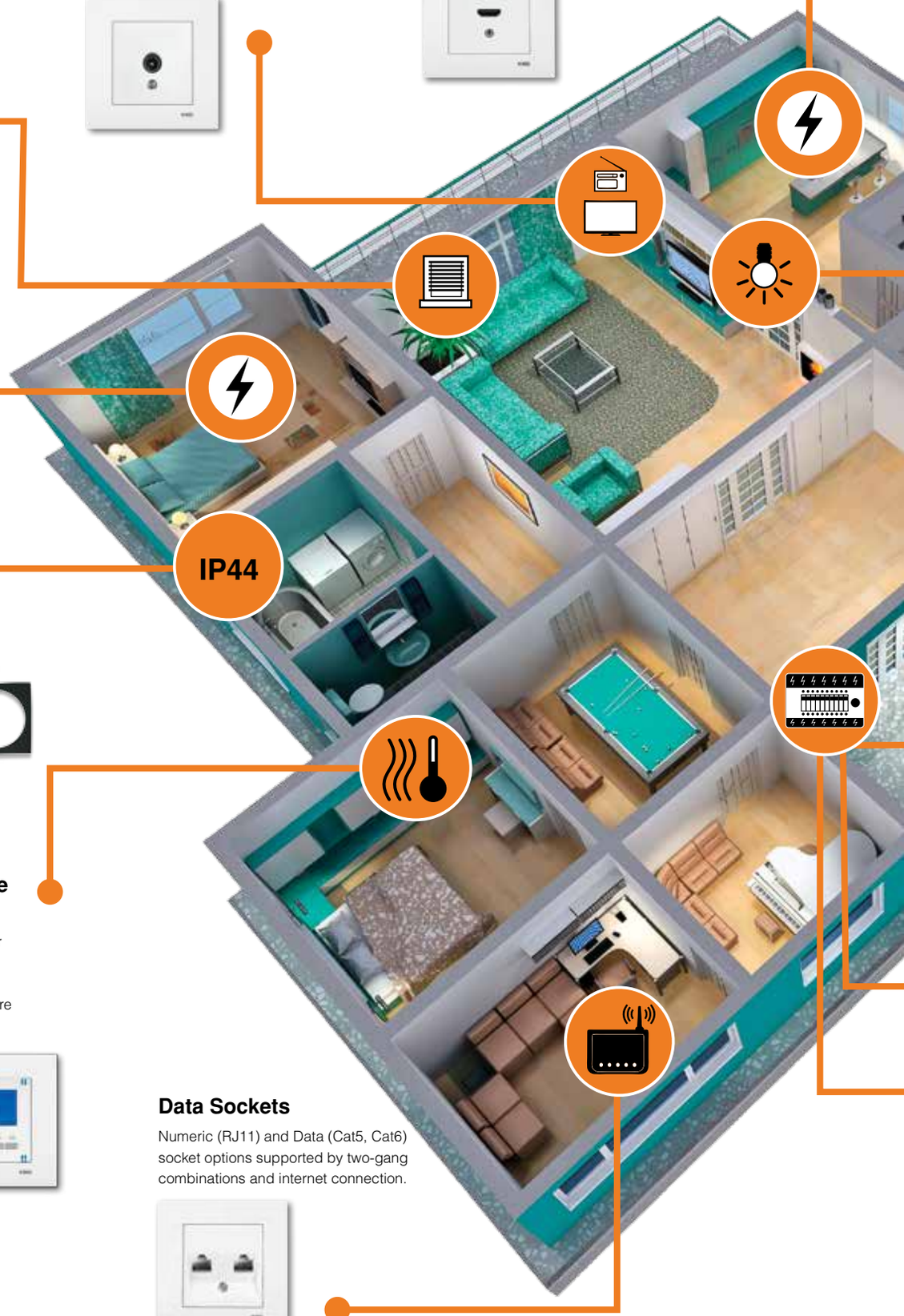
Electronic devices are protected from the damages arising from sudden over voltages in the electricity grid thanks to Multi-let Shock Protected Group Socket.

IP44 Gasket Kit

IP44 gasket kit offer protection against moisture and dust for surface mount switches and sockets.

IP44 Switch Seal Set

IP44 Socket Seal Set with Lid



Analog and Programmable Digital Thermostat

Digital and analog thermostats with user friendly menu supporting 7 languages in addition to the adjustable backlight feature, allows high precision temperature adjustment with its special PI algorithm.

Data Sockets

Numeric (RJ11) and Data (Cat5, Cat6) socket options supported by two-gang combinations and internet connection.

Multi-let

Multi-let that can be fixed or hanged depending on the requirement is offered with its optional cable length and switching function.

PRO Dimmer Family

Pro Dimmer family that offers solutions in accordance with the illumination preference with its overload and short circuit protected product options, stands out with two-way and push on-off functions.

1 m
2 m
3 m
5 m

USB Charger Socket

Provides that the electronic instruments are charged quickly without the necessity of an additional apparatus in a safe way.

Surface Mount Solutions

Pacific and Palmiye with IP54 features offer surface mount solutions in outdoor use and Vera offers surface mount solutions in indoor use.

IP54

Motion Sensors

Motion sensors featuring 180° horizontal detection and timing option from 10 seconds to 20 minutes, combine the sense of safety with comfort thanks to their detection distance of 5 m.

Motion Sensor with Neutral

Motion Sensor without Neutral

Automatic Circuit Breakers

Automatic Circuit Breakers have a quite wide range of accessory series and satisfy users' every need, thanks to its fast mounting possibility due to the feature of screwless type connection.

Residual Current Relays

Residual Current Relays provide superior protection both for your loved ones and your places.

Distribution Boxes

VİKO distribution boxes deliver safety with plastic's insulative nature and an aesthetic view with their outstanding design.

hotel solutions

Reliability, quality, comfort and cutting-edge technology items play a key role in all energy saving hotel solutions.

Programmable Shutter Control

This product which is one of the solutions that will make the hotel guests feel privileged offers all features required for comfort and convenience.

Analog and Programmable Digital Thermostat

Thermostat options that ensure the hotel guests keep the temperature level in their rooms under control throughout their accommodation period, meet the expectations at maximum level.

Hotel Room Warning Unit

Hotel room units with language options are use friendly and ensure the comfort level required for the satisfaction of guests. DND / MUR systems protected against overheating and resistant against deformation are offered within decorative and elegant series that can be used in multiple framing when necessary.

Energy Saver

Sensor category products with easy mounting options that do not require any alterations fulfill all requirements thanks to their wide decorative options.

Energy Saver with Mechanical Switch (Weak Current)

- 5V DC operating voltage
- Operation with smart card
- Compatible with ESCU relay family
- Usage with Door / Window contacts and VRV air-conditioning systems
- Wide field of application compatible with all doors and hotel cards

RF Energy Saver

- 5V DC operating voltage
- Compatible with 13,56 MHz frequency cards.
- Operation with smart card
- Smart card recognition for authorized use
- Compatible with ESCU relay family
- Usage with Door / Window contacts and VRV air-conditioning systems

Energy Saver with Mechanical Switch (230V~)

- 230V~ operating voltage
- Operation with smart card or key chain
- Ease of cabling and mounting
- Safe usage with contactor
- Wide field of application compatible with all doors and hotel cards

ESCU

Card

Contactor

multimedia connectors and USB charger sockets

Offices, hotels and living spaces are re-organized according to the developing technologies… Connector options facilitate the lives for different connection versions regarding the needs of audio and image use.

USB Connector
No more looking for a USB input on devices…
- Solution for cable mess
- Practical data transfer
- Safe solutions for office and hotels

Connector for HDMI Connection
Connect to computer, television or projection device without cables causing visual pollution.
- Solution for cable mess
- Practical audio / image transfer
- Safe solutions for office and hotels

VGA Connector
You just need a VGA Connector for all of your VGA connections…
- Solution for cable mess
- Practical image transfer
- Safe solutions for offices and hotels

VGA (with PCB): Structure with terminal for easy assembly in narrow areas

With USB Charger Socket, unnecessary objects are removed. It provides the comfort of charging without adaptor in the hotel, home, office. Thanks to 2 socket outlets on USB Charger Socket, 2 separate devices can be charged at the same time.

USB Charger Socket

- 5V/2A output voltage
- Practical charging opportunity without adaptor
- Ease of charging on smart phones and tablets

dimmer solutions

Thanks to its technology and design, dimmer family offers prestige, comfort and convenience to living areas, business places and meeting rooms.

RLC Pro Dimmer

- 20W - 350W
- Compatibility with R, L and C load types
- Overcurrent protection
- Overload protection
- Smart dimmer function that recognizes the load type
- Push On / Off function

RC Pro Dimmer

- 40W - 400W
- Compatibility with R and C load types
- Overload protection
- Short circuit protection
- Two-way switch function
- Push On / Off function

RL Pro Dimmer

- 20W - 500W
- Compatibility with R and L load types
- Overload protection
- Short circuit protection
- Two-way switch function
- Push On / Off function

RL Pro Dimmer

- 6W - 100W
- Compatibility with R and L load types
- Overload protection
- Short circuit protection
- Two-way switch function
- Push On / Off function

1-10V Dimmer

- 1 - 10V
- Ability to dim fluorescent lamps by connecting to dimmable ballasts
- 230V: 6A

Overload Protection

When load exceeding the permitted value is connected the products with "Overload protection" function enable the protection mode and prevent the product break down or avoid any danger. When the load passing over the product returns to normal values, the product will restart as well.

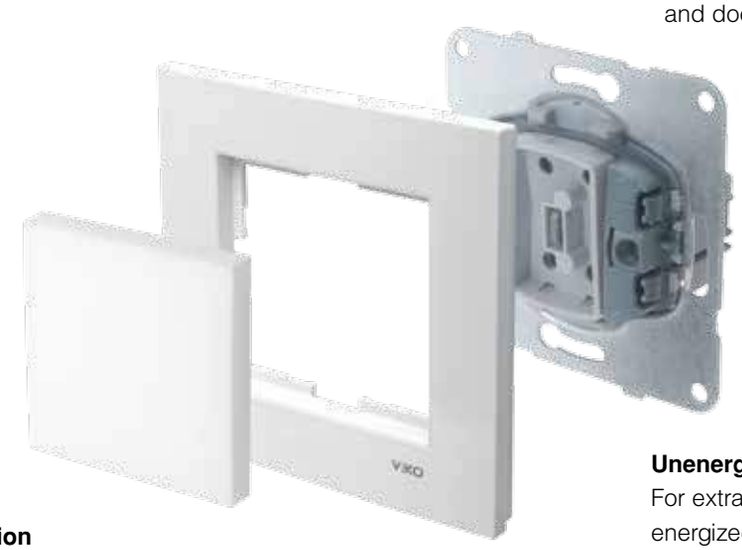
Dimmer Family	Model	Halogen and Incandescent Lamps	Mechanical Transformer Controlled Lamp	Electronic Transformer Controlled Lamp	Dimmable LED Lamp	Fluorescent Lamp
RL Dimmer	Rotatif Dimmer RL 600W/VA	●	●	—	—	—
	Rotatif Dimmer RL 1000W/VA	●	●	—	—	—
	Pro Dimmer RL 6-100W/VA	●	●	—	●*	—
	Pro Dimmer RL 20-500W/VA	●	●	—	—	—
RC Dimmer	Pro Dimmer RC 40-400W/VA	●	—	●	—	—
RLC Dimmer	Pro Dimmer RLC 20-350W/VA	●	●	●	—	—
1-10V Dimmer	1-10V Dimmer	—	—	—	—	●

* Consult Panasonic Life Solutions Türkiye for compliance table by LED brands.

interior details for comfort

Renewed mechanism
Renewed mechanism is designed for high-end security.
The easy mounting feature offers a lot more than expected thanks to its structure and simplicity that covers wall incompatibilities.

New system without retainer
The assembly of the frame to the mechanism is easier with the tabs added to the base support and does not require a retainer.



Springiness mechanism structure
Thanks to the ability of the mechanism to spring inside the frame, wall incompatibilities are tolerated.

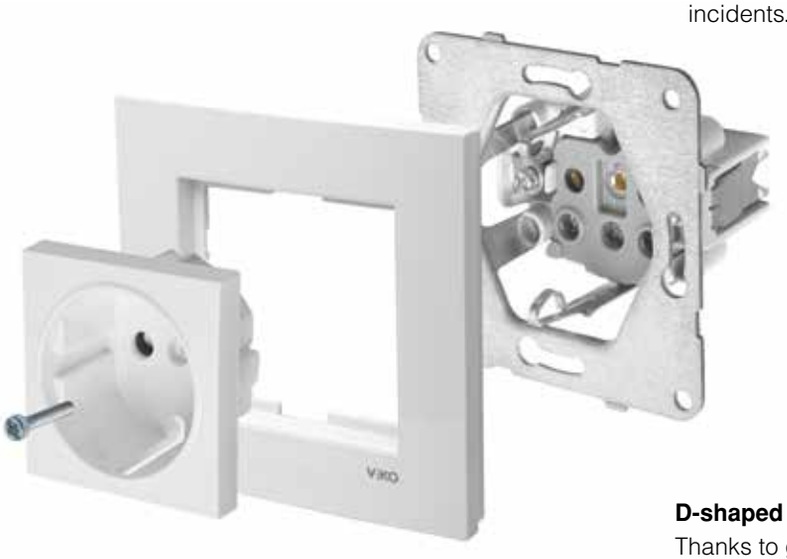
Tighter, hidden key tabs
Hidden tabs prevent pricking and similar incidents.

Unenergized frame
For extra security, the frame is prevented from being energized through the tabs during assembly.

Information
Together with cable connections and circuit diagram, it provides information and routing to prevent complexity.

Front phase control after assembly
For more security and convenience, it is possible to check phase from the front using a test light after the assembly.

Note: For Karre and Meridian series.



Hidden tab with spring
The hidden tab with spring prevents pricking and similar incidents.

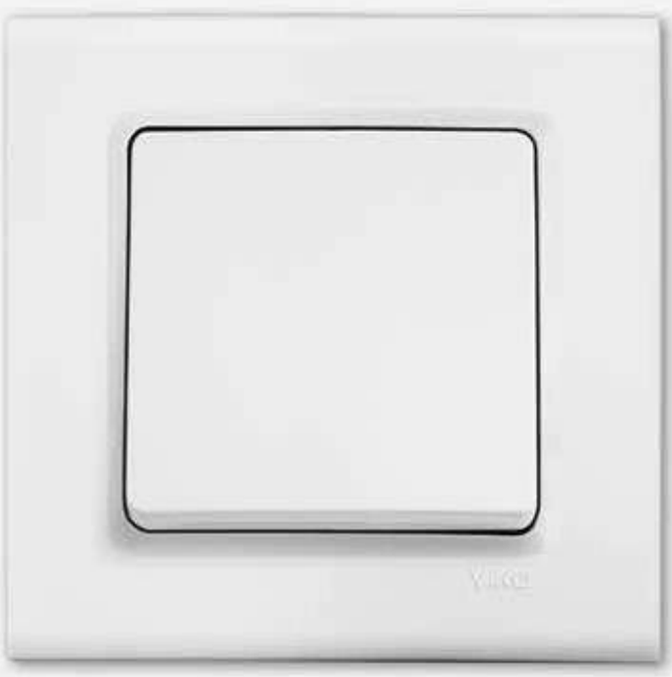
Unenergized frame
For extra security, the frame is prevented from being energized through the tabs during assembly.

Safety
New mechanism has a cover that increases safety and cuts off contact with stressed areas.

D-shaped earthing contacts
Thanks to grounding contacts in D shape, it ensures the sustainability of the contact pressure applied to switch.

Note: For Karre and Meridian series.

special for angular line lovers



Linnera

Linnera shows up with distinctive corners. It displays its claim with a modern line on switches and sockets. Linnera is designed for the ones who give priority to angular lines in decorations.

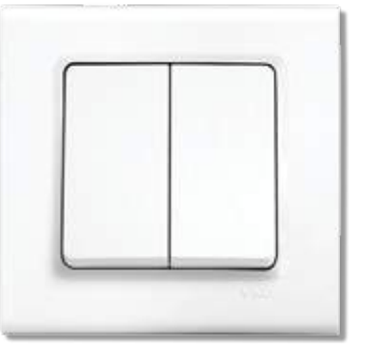
colors are elegant, corners are very clear

White

Beige

Linnera does not leave the ones in dilemma when deciding and draws the boundaries very clearly in the decorations. Offered in cream and white color options, Linnera calls out those who are looking for a modern and new form apart from the known. Offering the possibility of meeting all needs with the wide range of products, Linnera satisfies expectations at every point with its quality, technology and safe use.

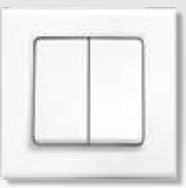
Living spaces with dimmers offered in compliance with lighting requirements, TV and telephone sockets in Linnera series meet both comfort and energy saving.



Switch

One-Way Switch
9040X001
10AX, 250V~
Color◯◯

One-way Switch, Illuminated
9040X019
10AX, 250V~
Color◯◯



2-Gang One-way Switch
9040X002
10AX, 250V~
Color◯◯

2-Gang One-way Switch, Illuminated
9040X050
10AX, 250V~
Color◯◯

Two-way Switch
9040X004
10AX, 250V~
Color◯◯

Two-way Switch, Illuminated
9040X063
10AX, 250V~
Color◯◯

One-way Push Button
9040X003
10AX, 250V~
Color◯◯

Push Button, Illuminated
9040X014
10AX, 250V~
Color◯◯

Push Button with Bell Symbol
9040X006
10AX, 250V~
Color◯◯

Push Button with Label, Illuminated 24V LED
9040X027
10AX, 24V~
Color◯◯

Push Button with Key Symbol
9040X005
10AX, 250V~
Color◯◯

Intermediate Switch
9040X031
10AX, 250V~
Color◯◯

Shutter Control Switch
9040X016
10AX, 250V~
Color◯◯

2-Gang Two-way Switch
9040X017
10AX, 250V~
Color◯◯

2-pole Switch
9040X039
16AX, 250V~
Color◯◯

2-pole Switch, Illuminated
9040X038
16AX, 250V~
Color◯◯

3-Gang One-way Switch
9040X068
10AX, 250V~
Color◯◯

Cooler Switch
9040X098
10AX, 250V~
Color◯◯

Double One-way Push Button
9040X083
10AX, 250V~
Color◯◯

Double One-way Switch
9040X044
10AX, 250V~
Color◯◯

Shutter Control Switch, Single Button
9040X072
10AX, 250V~
Color◯◯

Emergency Push Button with Cord
9040X018
10AX, 250V~
Color◯◯

Do not Disturb / Make-up Room Switch
9040X088
10AX, 250V~
Color◯◯

X Code Stands For: 0=White, 1=Beige

Screw Terminal **Screwless Terminal**

Dimmer

Rotary Dimmer
RL 600W/VA
9040X020

230V~
Color◯◯

Pro Dimmer
RL 6-100W/VA
9040X094

230V~
Color◯◯

Pro Dimmer
RL 20-500W/VA
9040X040

230V~
Color◯◯

1-10V Dimmer
9040X095

230V~
Color◯◯

Pro Dimmer RC
40-400W/VA
9040X092

230V~
Color◯◯

Socket

Socket 2P
9040X007

16A, 250V~
Color◯◯

Socket 2P
Child Protection
9040X043

16A, 250V~
Color◯◯

Socket 2P+E
9040X008

16A, 250V~
Color◯◯

Socket 2P+E
Child Protection
9040X042

16A, 250V~
Color◯◯

Socket 2P+E
with Lid Child
Protection
9040X012

16A, 250V~
Color◯◯

Socket 2P+E
(French Standard)
Child Protection
9040X045

16A, 250V~
Color◯◯

Socket 2P+E with Lid
(French Standard)
Child Protection
9040X070

16A, 250V~
Color◯◯

Double Socket 2P
9040X055

16A, 250V~
Color◯◯

Double Socket 2P
Child Protection
9040X046

16A, 250V~
Color◯◯

Double Socket
2P+E
9040X056

16A, 250V~
Color◯◯

Double Socket 2P+E
Child Protection
9040X058

16A, 250V~
Color◯◯

Double Socket 2P+E
(French Standard)
Child Protection
9040X057

16A, 250V~
Color◯◯

X Code Stands For: 0=White, 1=Beige

Screw Terminal **Screwless Terminal**

Linnera

TV-Data

TV Socket
9040X010 (Terminated)
9040X059
(Through-pass 8dB)
9040X060
(Through-pass 12dB)
9040X049 (Lossless)
Color◯◯

Satellite Socket with F Connector
9040X096
(Terminated)
9040X097
(Through-pass 10dB)
Color◯◯

Satellite Socket (TV-SAT)
9040X085 (Terminated)
9040X086
(Through-pass 8dB)
9040X087
(Through-pass 11dB)
Color◯◯

TV-Radio Socket
9040X021
(Terminated)
9040X022
(Through-pass 7dB)
9040X024
(Through-pass 12dB)
Color◯◯

Satellite Socket (SAT-TV-RAD)
9040X041 (Terminated)
9040X052
(Through-pass 13dB)
Color◯◯

SAT-SAT-TV Socket (SAT-SAT-TV-RAD)
9040X053
(Terminated)
Color◯◯

Phone Socket (RJ11)
9040X013
Color◯◯

Data Socket
9040X032
(RJ45 CAT5E)
9040X078
(RJ45 CAT6)
Color◯◯

Double Phone Socket (2xRJ11)
9040X033
Color◯◯

Double Data Socket
9040X034
(2xRJ45 CAT5E)
9040X079
(2xRJ45 CAT6)
Color◯◯

Phone & Data Socket
9040X035
(CAT5-RJ11)
9040X080
(CAT6-RJ11)
Color◯◯

Double Keystone Socket w/o Connectors
9040X081
Color◯◯

Electronic

Energy Saver - 13,56 MHz RFID Multi Protocol (5V DC-)
9040X051
Color◯◯

Energy Saver - 13,56 MHz RFID (5V DC-)
9040X064
Color◯◯

Energy Saver - Mechanic Switch
9040X066 (5V DC-)
9040X067 (230V AC~)
Color◯◯

Analog Thermostat
9044X011
Color◯◯

Volume Control Switch
9040X054
9040X091 (with Transformer)
Color◯◯

Audio Channel Selection Switch
9040X082
Color◯◯

Audio Socket
9040X037
Color◯◯

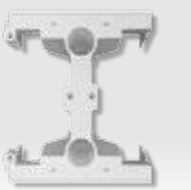
Buzzer
9040X009
9040X015 (Ding Dong)
Color◯◯

Accessory

Cable Outlet, Mech.+Cover
9040X077
Color◯◯

Blank Cover
9040X090
Color◯◯

Surface Mounting Box
9048X008
Color◯◯



Surface Mounting Box - Coupling Piece
9048X009
Color◯◯

X Code Stands For: 0=White, 1=Beige

Accessory

Energy Saver Card
90551288

IP44 One Way Switch Kit
90480020

IP44 2-Gang One Way Switch Kit
90480021

IP44 Socket 2P Kit
90480022

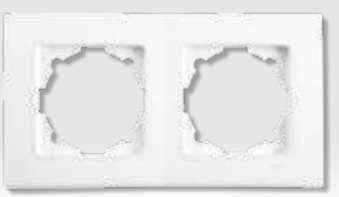
Frames

Flush Mounted Frame
9048X007

Color◯◯

Single Frame
9048X001
(84 x 84 mm)

Color◯◯

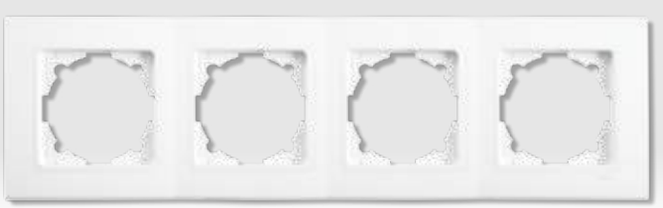


2 Gang Frame Horizontal
9048X002
(155 x 84 mm)

Color◯◯

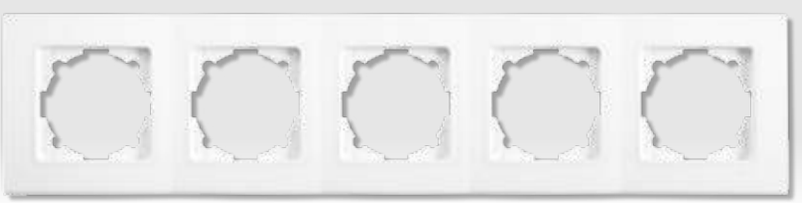
3 Gang Frame Horizontal
9048X003
(226 x 84 mm)

Color◯◯



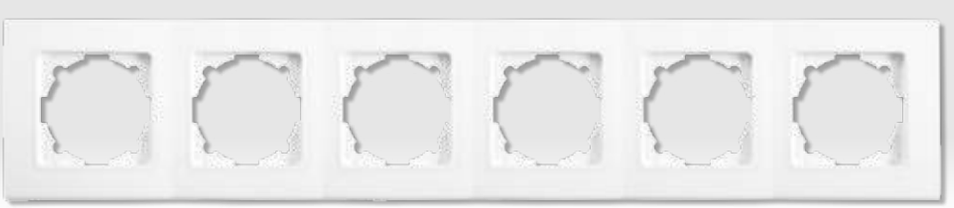
4 Gang Frame Horizontal
9048X004
(297 x 84 mm)

Color◯◯



5 Gang Frame Horizontal
9048X005
(368 x 84 mm)

Color◯◯



6 Gang Frame Horizontal
9048X006
(439 x 84 mm)

Color◯◯

X Code Stands For: 0=White, 1=Beige

moderate and consistent in all aspects

With its elegant and round lines, Rollina reflects its moderate and consistent character into the daily life of its users. Designed to be simpler with its switch and socket products without compromising comfort or quality, Rollina invites you to get to know it more closely.

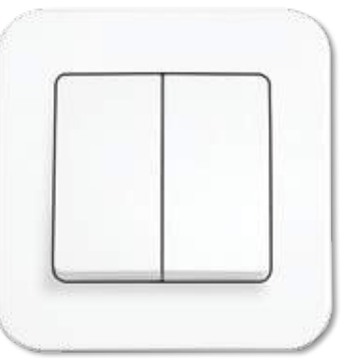
classic colors, stylishly designed products

White

Beige

Offering white and beige color options in its switch and socket products with its own special lines, Rollina accompanies furniture and other household accessories. It does not mislead those who prefer it in making dreams of designs come true. It offers suitable options according to the place of use with horizontal and vertical frames.

Rollina, including its dimmer switches in its wide range of products, brings comfort and convenience to its users' satisfaction.



Switch

One-Way Switch
9042X001
10AX, 250V~
Color◯◯

One-way Switch, Illuminated
9042X019
10AX, 250V~
Color◯◯

2-Gang One-way Switch
9042X002
10AX, 250V~
Color◯◯

2-Gang One-way Switch, Illuminated
9042X050
10AX, 250V~
Color◯◯

Two-way Switch
9042X004
10AX, 250V~
Color◯◯

Two-way Switch, Illuminated
9042X063
10AX, 250V~
Color◯◯

One-way Push Button
9042X003
10AX, 250V~
Color◯◯

Push Button, Illuminated
9042X014
10AX, 250V~
Color◯◯

Push Button with Bell Symbol
9042X006
10AX, 250V~
Color◯◯

Push Button with Label, Illuminated 24V LED
9042X027
10AX, 24V~
Color◯◯

Push Button with Key Symbol
9042X005
10AX, 250V~
Color◯◯

Intermediate Switch
9042X031
10AX, 250V~
Color◯◯

Shutter Control Switch
9042X016
10AX, 250V~
Color◯◯

2-Gang Two-way Switch
9042X017
10AX, 250V~
Color◯◯

2-pole Switch
9042X039
16AX, 250V~
Color◯◯

2-pole Switch, Illuminated
9042X038
16AX, 250V~
Color◯◯

3-Gang One-way Switch
9042X068
10AX, 250V~
Color◯◯

Cooler Switch
9042X098
10AX, 250V~
Color◯◯

Double One-way Push Button
9042X083
10AX, 250V~
Color◯◯

Double One-way Switch
9042X044
10AX, 250V~
Color◯◯

Shutter Control Switch, Single Button
9042X072
10AX, 250V~
Color◯◯

Emergency Push Button with Cord
9042X018
10AX, 250V~
Color◯◯

Do not Disturb / Make-up Room Switch
9042X088
10AX, 250V~
Color◯◯

X Code Stands For: 0=White, 1=Beige

Screw Terminal **Screwless Terminal**

Dimmer

Rotary Dimmer
RL 600W/VA
9042X020

230V~
Color◯◯

Pro Dimmer
RL 6-100W/VA
9042X094

230V~
Color◯◯

Pro Dimmer
RL 20-500W/VA
9042X040

230V~
Color◯◯

1-10V Dimmer
9042X095

230V~
Color◯◯

Pro Dimmer RC
40-400W/VA
9042X092

230V~
Color◯◯

Socket

Socket 2P
9042X007

16A, 250V~
Color◯◯

Socket 2P
Child Protection
9042X043

16A, 250V~
Color◯◯

Socket 2P+E
9042X008

16A, 250V~
Color◯◯

Socket 2P+E
Child Protection
9042X042

16A, 250V~
Color◯◯

Socket 2P+E
with Lid Child
Protection
9042X012

16A, 250V~
Color◯◯

Socket 2P+E
(French Standard)
Child Protection
9042X045

16A, 250V~
Color◯◯

Socket 2P+E with Lid
(French Standard)
Child Protection
9042X070

16A, 250V~
Color◯◯

Double Socket 2P
9042X055

16A, 250V~
Color◯◯

Double Socket 2P
Child Protection
9042X046

16A, 250V~
Color◯◯

Double Socket
2P+E
9042X056

16A, 250V~
Color◯◯

Double Socket 2P+E
Child Protection
9042X058

16A, 250V~
Color◯◯

Double Socket 2P+E
(French Standard)
Child Protection
9042X057

16A, 250V~
Color◯◯

X Code Stands For: 0=White, 1=Beige

Screw Terminal

Screwless Terminal

Rollina

TV-Data

TV Socket
9042X010 (Terminated)
9042X059
(Through-pass 8dB)
9042X060
(Through-pass 12dB)
9042X049 (Lossless)
Color◯◯

Satellite Socket with F Connector
9042X096
(Terminated)
9042X097
(Through-pass 10dB)
Color◯◯

Satellite Socket (TV-SAT)
9042X085 (Terminated)
9042X086
(Through-pass 8dB)
9042X087
(Through-pass 11dB)
Color◯◯

TV-Radio Socket
9042X021
(Terminated)
9042X022
(Through-pass 7dB)
9042X024
(Through-pass 12dB)
Color◯◯

Satellite Socket (SAT-TV-RAD)
9042X041 (Terminated)
9042X052
(Through-pass 13dB)
Color◯◯

SAT-SAT-TV Socket (SAT-SAT-TV-RAD)
9042X053
(Terminated)
Color◯◯

Phone Socket (RJ11)
9042X013
Color◯◯

Data Socket
9042X032
(RJ45 CAT5E)
9042X078
(RJ45 CAT6)
Color◯◯

Double Phone Socket (2xRJ11)
9042X033
Color◯◯

Double Data Socket
9042X034
(2xRJ45 CAT5E)
9042X079
(2xRJ45 CAT6)
Color◯◯

Phone & Data Socket
9042X035
(CAT5-RJ11)
9042X080
(CAT6-RJ11)
Color◯◯

Double Keystone Socket w/o Connectors
9042X081
Color◯◯

Electronic

Energy Saver - 13,56 MHz RFID Multi Protocol (5V DC-)
9042X051
Color◯◯

Energy Saver - 13,56 MHz RFID (5V DC-)
9042X064
Color◯◯

Energy Saver - Mechanic Switch
9042X066 (5V DC-)
9042X067 (230V AC~)
Color◯◯

Analog Thermostat
9044X011
Color◯◯

Volume Control Switch
9042X054
9042X091 (with Transformer)
Color◯◯

Audio Channel Selection Switch
9042X082
Color◯◯

Audio Socket
9042X037
Color◯◯

Buzzer
9042X009
9042X015 (Ding Dong)
Color◯◯

Accessory

Cable Outlet, Mech.+Cover
9042X077
Color◯

Blank Cover
9042X090
Color◯◯

Surface Mounting Box
9048X058
Color◯◯

Surface Mounting Box - Coupling Piece
9048X059
Color◯◯

X Code Stands For: 0=White, 1=Beige

Accessory

Energy Saver Card
90551288

IP44 One Way Switch Kit
90480020

IP44 2-Gang One Way Switch Kit
90480021

IP44 Socket 2P Kit
90480022

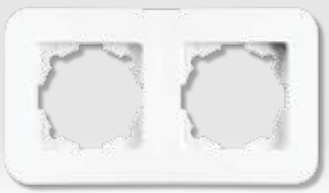
Frames

Flush Mounted Frame
9048X057

Color◯◯

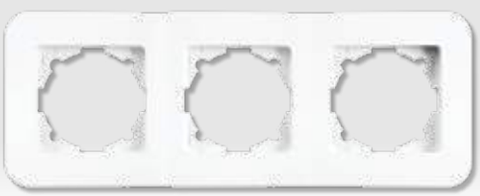
Single Frame
9048X051
(82 x 86 mm)

Color◯◯



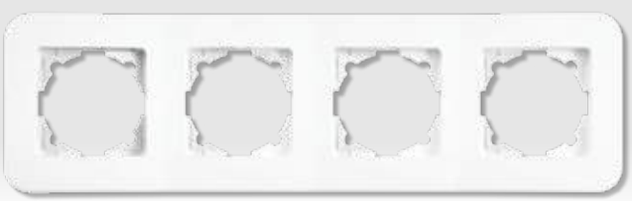
2 Gang Frame Horizontal
9048X052
(153 x 86 mm)

Color◯◯



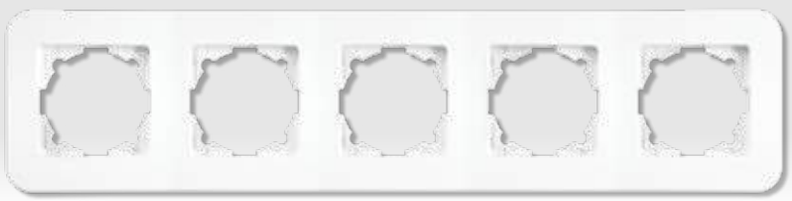
3 Gang Frame Horizontal
9048X053
(224 x 86 mm)

Color◯◯



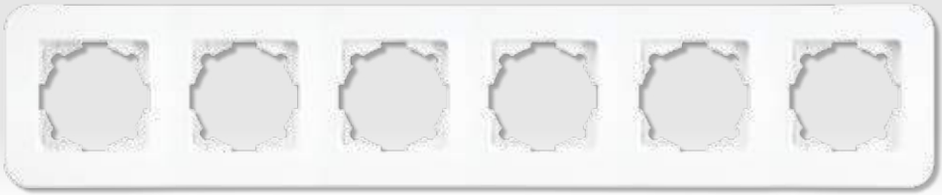
4 Gang Frame Horizontal
9048X054
(295 x 86 mm)

Color◯◯



5 Gang Frame Horizontal
9048X055
(368 x 86 mm)

Color◯◯



6 Gang Frame Horizontal
9048X056
(437 x 86 mm)

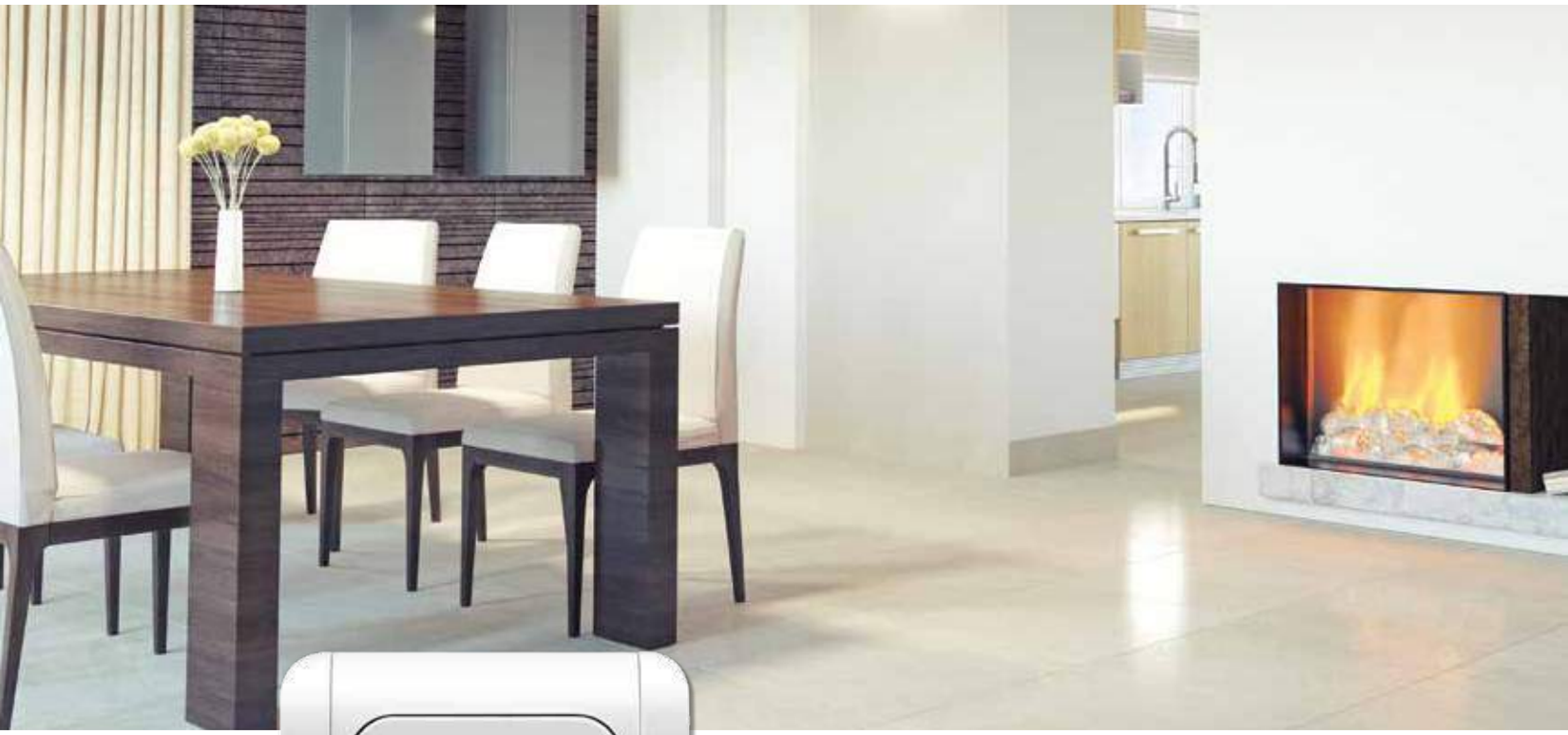
Color◯◯

X Code Stands For: 0=White, 1=Beige

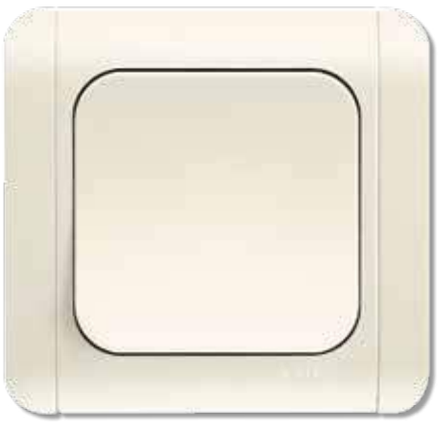
an elegant touch

Kardelen touches the environments where it is used like a light fairy with its sheer beauty. With Kardelen, the concepts of comfort, aesthetics and harmony are given the utmost priority in life.

design addressing to emotions, colors in harmony with time



White



Beige

With a rich product range including TV and telephone sockets and multiple frame options, Kardelen is offered with 2 clips colors that can be combined with the main color options of white and beige.

In addition to electronic products, dimmer options, one-gang and two-gang socket options, child protected socket option enriches the product range of Kardelen.

White Clip
90601301

Beige Clip
90603701

Kardelen

Switch

One-Way Switch
9055X001

10AX, 250V~
Color◯◯

2-Gang One-way Switch
9055X002

10AX, 250V~
Color◯◯

Two-way Switch
9055X004

10AX, 250V~
Color◯◯

One-way Push Button
9055X003

10AX, 250V~
Color◯◯

Intermediate Switch
9055X031

10AX, 250V~
Color◯◯

2-Gang Two-way Switch
9055X017

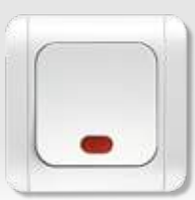
10AX, 250V~
Color◯◯

2-pole Switch
9055X039

10AX, 250V~
Color◯◯

Double One-way Switch
9055X044

10AX, 250V~
Color◯◯



One-way Switch, Illuminated
9055X019

10AX, 250V~
Color◯◯

2-Gang One-way Switch, Illuminated
9055X050

10AX, 250V~
Color◯◯

Two-way Switch, Illuminated
9055X063

10AX, 250V~
Color◯◯

Push Button, Illuminated
9055X014

10AX, 250V~
Color◯◯

Push Button with Label, Illuminated 24V LED
9055X027

10AX, 24V~
Color◯◯

Push Button with Key Symbol
9055X005

10AX, 250V~
Color◯◯

Push Button with Bell Symbol
9055X006

10AX, 250V~
Color◯◯

Double One-way Push Button
9055X083

10AX, 250V~
Color◯◯

Shutter Control Switch
9055X016

10AX, 250V~
Color◯◯

Shutter Control Switch, Single Button
9055X072

10AX, 250V~
Color◯◯

Do not Disturb / Make-up Room Switch
9055X088

10AX, 250V~
Color◯◯

Emergency Push Button with Cord
9055X018

10AX, 250V~
Color◯◯

X Code Stands For: 1= White, 3= Beige,
The products are sold without clips.

Screw Terminal **Screwless Terminal**

Dimmer

Rotary Dimmer
RL 600W/VA
9055X020

230V~
Color◯ ◯

Rotary Dimmer
RL 1000W/VA
9055X069

230V~
Color◯ ◯

Pro Dimmer
RC 40-400W/VA
9055X142

230V~
Color◯ ◯

Pro Dimmer
RL 20-500W/VA
9055X140

230V~
Color◯ ◯

Socket

Socket 2P
9055X007

16A, 250V~
Color◯ ◯

Socket 2P
Child Protection
9055X043

16A, 250V~
Color◯ ◯

Socket 2P+E
9055X008

16A, 250V~
Color◯ ◯

Socket 2P+E
Child Protection
9055X042

16A, 250V~
Color◯ ◯

Socket 2P+E
with Lid
Child Protection
9055X012

16A, 250V~
Color◯ ◯

Socket 2P+E
(French Standard)
Child Protection
9055X045

16A, 250V~
Color◯ ◯

Double Socket 2P
9055X055

16A, 250V~
Color◯ ◯

Double Socket 2P
Child Protection
9055X046

16A, 250V~
Color◯ ◯

Double Socket
2P+E
9055X056

16A, 250V~
Color◯ ◯

Double Socket 2P+E
Child Protection
9055X058

16A, 250V~
Color◯ ◯

Double Socket 2P+E
(French Standard)
Child Protection
9055X057

16A, 250V~
Color◯ ◯

X Code Stands For: 1= White, 3= Beige, **Screw Terminal** **Screwless Terminal**

Kardelen

TV-Data

TV Socket
9055X010 (Terminated)
9055X059
(Through-pass 8dB)
9055X060
(Through-pass 12dB)
9055X049 (Lossless)

Color◯◯

SAT-SAT-TV Socket
SAT-SAT-TV-RAD
9055X085 (Terminated)
9055X086
(Through-pass 8dB)
9055X087
(Through-pass 11dB)

Color◯◯

SAT Socket
9055X041
(Terminated)
9055X052
(Through-pass 13dB)

Color◯◯

SAT Socket
9055X096
(Terminated)
9054X097
(Through-pass 10dB)

Color◯◯

TV-Radio Socket
9055X021 (Terminated)
9055X022
(Through-pass 7dB)
9055X024
(Through-pass 12dB)

Color◯◯

SAT-SAT-TV
Socket
(SAT-SAT-TV-RAD)
9055X053

Color◯◯

Phone Socket
9055X011

Color◯◯

Phone Socket
(RJ11)
9055X013

Color◯◯

Data Socket RJ45
9055X032 (Cat5E)
9055X332 (Cat6)

Color◯◯

Double Phone
Socket (2xRJ11)
9055X033

Color◯◯

Double Data
Socket 2xRJ45
9055X034 (Cat5E)
9055X334 (Cat6)

Color◯◯

Phone & Data
Socket RJ45
9055X035 (Cat5E)
9055X335 (Cat6)

Color◯◯

Double Keystone
Socket w/o connectors
9055X132

Color◯◯

X Code Stands For: 1= White, 3= Beige,

Electronic

Hotel Card Switch / Energy Saver - Standard
9055X051
(Except Delayed Relay)
90551251
(Relay 220V-10A)
Color◯◯

Audio Socket
9055X037
Color◯◯

Volume Control Switch
9055X054
Color◯◯

Volume Control Switch with Transformer
9055X091
Color◯◯

Audio Channel Selection Switch
9055X082
Color◯◯

Accessory

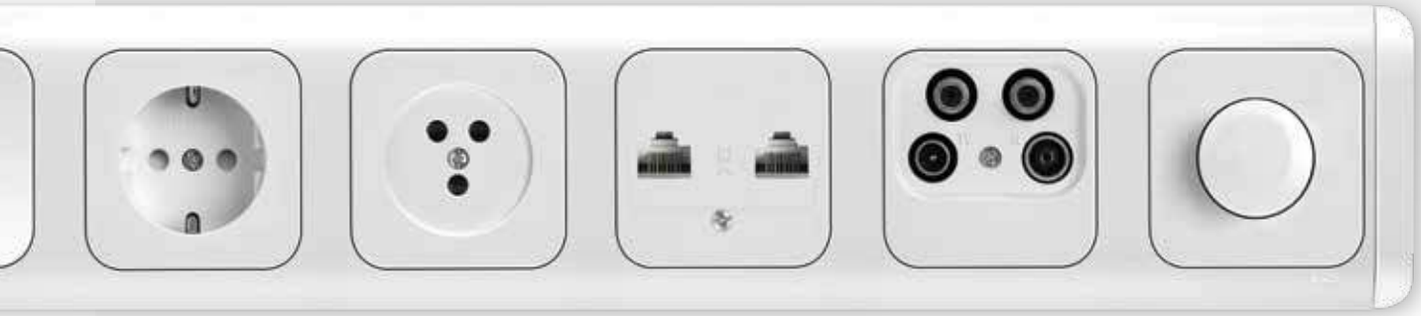
Cable Outlet, Mech.+Cover
9055X077
Color◯◯

Surface Mounting Box, Single
9050X930
Color◯◯

Hotel Card Switch / Energy Saver Key
90551151
Color◯◯

X Code Stands For: 1= White, 3= Beige,

Kardelen



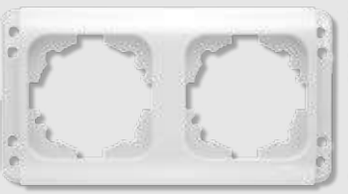
Horizontal Frames

2 Gang Flush Mounted Frame
9050Y929

Color◯◯

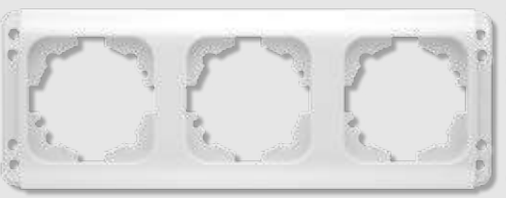
Single Frame
9050Y921
(81 x 80 mm)

Color◯◯



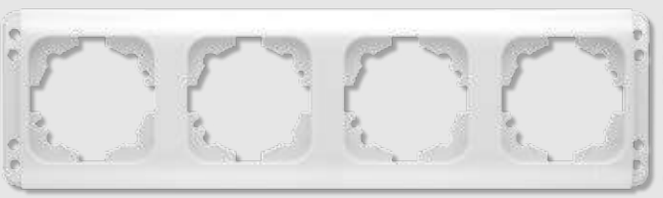
2 Gang Frame Horizontal
9050Y922
(152 x 80 mm)

Color◯◯



3 Gang Frame Horizontal
9050Y923
(223 x 80 mm)

Color◯◯

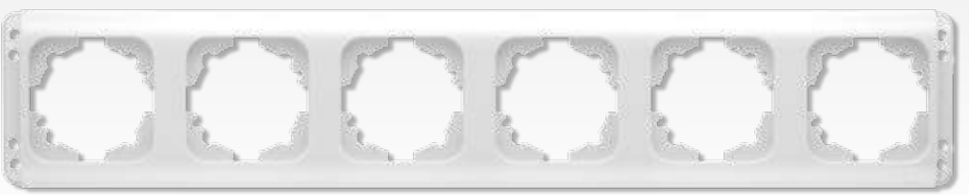


4 Gang Frame Horizontal
9050Y924
(294 x 80 mm)

Color◯◯

5 Gang Frame Horizontal
9050Y925
(365 x 80 mm)

Color◯◯



6 Gang Frame Horizontal
9050Y926
(436 x 80 mm)

Color◯◯

Y Code Stands For: 1= White (without clips), 3= Beige (without clips)

minimal elegance

Karre, a highly special series that comes into prominence... It fills a huge gap in the decoration or changes the whole view of living spaces with a delicate touch. With Karre series, design, technology and quality turn into happiness for everyone.

modern design and all time colors

White

Beige

Complementing the beauty of living spaces with a single touch, Karre makes elegance a part of life with its hard-edged minimalist design.

Karre switch and socket series with white and beige color options offer alternative solutions for different usage areas with its two-gang, three-gang, four-gang, five-gang, six-gang horizontal and vertical frames.

Karre with its sharp lines, modern form, simple but attractive stance redefines literal beauty with its white and cream color alternatives. Karre which is the key of chic places reflects its strong design everywhere with is wide product range including switches, sockets and thermostat options.

Karre

Switch

One-Way Switch
90960X01
10AX, 250V~
Color◯◯

One-way Switch, Illuminated
90960X19
10AX, 250V~
Color◯◯

2-Gang One-way Switch
90960X02
10AX, 250V~
Color◯◯

2-Gang One-way Switch, Illuminated
90960X50
10AX, 250V~
Color◯◯

Two-way Switch
90960X04
10AX, 250V~
Color◯◯

Two-way Switch, Illuminated
90960X63
10AX, 250V~
Color◯◯

One-way Push Button
90960X03
10AX, 250V~
Color◯◯

Push Button, Illuminated
90960X14
10AX, 250V~
Color◯◯

Push Button with Bell Symbol
90960X06
10AX, 250V~
Color◯◯

Push Button with Label, Illuminated 24V LED
90960X27
10AX, 24V~
Color◯◯

Push Button with Key Symbol
90960X05
10AX, 250V~
Color◯◯

Intermediate Switch
90960X31
10AX, 250V~
Color◯◯

Shutter Control Switch
90960X16
10AX, 250V~
Color◯◯

2-Gang Two-way Switch
90960X17
10AX, 250V~
Color◯◯

2-pole Switch
90960X39
16AX, 250V~
Color◯◯

2-pole Switch, Illuminated
90960X74
16AX, 250V~
Color◯◯

3-Gang One-way Switch
90960X68
10AX, 250V~
Color◯◯

Cooler Switch
90960X98
10AX, 250V~
Color◯◯

Double One-way Push Button
90960X83
10AX, 250V~
Color◯◯

Double One-way Switch
90960X44
10AX, 250V~
Color◯◯

Shutter Control Switch, Single Button
90960X72
10AX, 250V~
Color◯◯

Emergency Push Button with Cord
90960X18
10AX, 250V~
Color◯◯

Do not Disturb / Make-up Room Switch
90960X88
10AX, 250V~
Color◯◯

X Code Stands For: 0=White, 2=Beige
Z Code Stands For: 1=White, 3=Beige

Screw Terminal **Screwless Terminal**

Dimmer

Rotary Dimmer
RL 600W/VA
90960X20

230V~
Color◯ ◯

Rotary Dimmer
RL 1000W/VA
90960X69

230V~
Color◯ ◯

Pro Dimmer
RC 40-400W/VA
90967Z42

230V~
Color◯ ◯

Pro Dimmer
RLC 20-350W/VA
90967Z43

230V~
Color◯ ◯

Pro Dimmer
RL 6-100W/VA
90967Z29

230V~
Color◯ ◯

1-10V Dimmer
90967X84

230V~
Color◯ ◯

Pro Dimmer
RL 20-500W/VA
90967Z40

230V~
Color◯ ◯

Socket

Socket 2P
90960X07

16A, 250V~
Color◯ ◯

Socket 2P Child Protection
90960X43

16A, 250V~
Color◯ ◯

Socket 2P+E
90960X08

16A, 250V~
Color◯ ◯

Socket 2P+E Child Protection
90960X42

16A, 250V~
Color◯ ◯

Socket 2P+E with Lid Child Protection
90960X12

16A, 250V~
Color◯ ◯

Socket 2P+E with Lid and Label Holder Child Protection
90961Z13

16A, 250V~
Color◯ ◯

Socket 2P+E (French Standard) Child Protection
90960X45

16A, 250V~
Color◯ ◯

Socket 2P+E with Lid (French Standard) Child Protection
90960X70

16A, 250V~
Color◯ ◯

Double Socket 2P
90960X55

16A, 250V~
Color◯ ◯

Double Socket 2P Child Protection
90960X46

16A, 250V~
Color◯ ◯

Double Socket 2P+E
90960X56

16A, 250V~
Color◯ ◯

Double Socket 2P+E Child Protection
90960X58

16A, 250V~
Color◯ ◯

Double Socket 2P+E (French Standard) Child Protection
90960X57

16A, 250V~
Color◯ ◯

USB Charger Socket- 5V 2A
90961T17

Color◯ ◯

X Code Stands For: 0=White, 2=Beige
Z Code Stands For: 1=White, 3=Beige
T Code Stands For: 0=White, 1=Beige

Screw Terminal **Screwless Terminal**

Karre

TV-Data

TV Socket
90960X10 (Terminated)
90960X59
(Through-pass 8dB)
90960X60
(Through-pass 12dB)
90960X49 (Lossless)

Color ◯ ◯

Satellite Socket with F Connector
90960X09 (Terminated)
90960X38
(Through-pass 10dB)

Color ◯ ◯

Satellite Socket (TV-SAT)
90960X85 (Terminated)
90960X86
(Through-pass 8dB)
90960X87
(Through-pass 11dB)

Color ◯ ◯

TV-Radio Socket
90960X21 (Terminated)
90960X22
(Through-pass 7dB)
90907X24
(Through-pass 12dB)

Color ◯ ◯

Satellite Socket (SAT-TV-RAD)
90960X41 (Terminated)
90960X52 (Through-pass 13dB)

Color ◯ ◯

SAT-SAT-TV Socket (SAT-SAT-TV)
90960X53
(Terminated)

Color ◯ ◯

Phone Socket (RJ11)
90960X13

Color ◯ ◯

Data Socket
90960X32
(RJ45 CAT5E)
90960X78
(RJ45 CAT6)

Color ◯ ◯

Double Phone Socket (2xRJ11)
90960X33

Color ◯ ◯

Double Data Socket
90960X34
(2xRJ45 CAT5E)
90960X79
(2xRJ45 CAT6)

Color ◯ ◯

Phone & Data Socket
90960X35
(CAT5E-RJ11)
90960X81
(CAT6-RJ11)

Color ◯ ◯

Double Keystone Socket w/o Connectors
90960X62

Color ◯ ◯

Electronic

Room Thermostat
90967Z30
90961T71(Heating-Cooling)

Color ◯ ◯

Programmable Room Thermostat
90967Z32
90961T70 (Heating-Cooling)

Color ◯ ◯

Programmable Shutter Control
90967Z33

Color ◯ ◯

Motion Detector
90961T72 (3Wire 180°)
90961T73 (2Wire 180°)

Color ◯ ◯

RFID Energy Saver
90967Z16 (13,56 MHz Multi Protocol 5V DC-)
90967Z17 (13,56 MHz 5V DC-)

Color ◯ ◯

Energy Saver-Mechanic Switch
90967Z18 (5V DC-)
90967Z19 (230V AC~)

Color ◯ ◯

Audio Socket
90967X37

Color ◯ ◯

Volume Control Switch
90967X54
90967X28 (With transformer)

Color ◯ ◯

Audio Channel Selection Switch
90967X82

Color ◯ ◯

Buzzer
90961T06

Color ◯ ◯

X Code Stands For: 0=White, 2=Beige
Z Code Stands For: 1=White, 3=Beige
T Code Stands For: 0=White, 1=Beige

Multimedia Connectors

Connector for HDMI Connection
90961T04

Color◯◯

VGA Connector
90961T05

Color◯◯

VGA Connector with PCB
90961T09

Color◯◯

USB Connector
90961T18

Color◯◯

Accessory

Cable Outlet, Mech.+Cover
90960X77

Color◯◯

Blank Cover
90960X26

Color◯◯

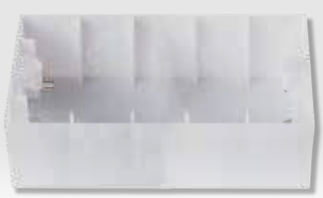
IP44 One Way Switch Kit
90960303

IP44 2-Gang One Way Switch Kit
90960304

IP44 Socket 2P Kit
90960305

Surface Mounting Box, Single
90969003 (White)
90969013 (Beige)

Color◯◯



Surface Mounting Box, Double
90969004 (White)
90969014 (Beige)

Color◯◯

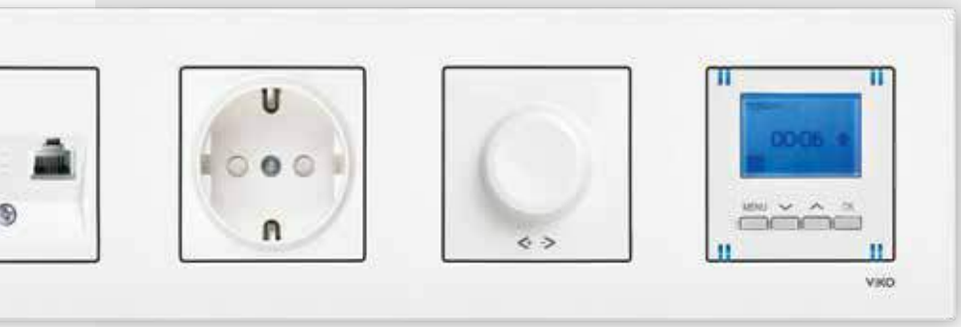
Energy Saver Card
90551288

X Code Stands For: 0=White, 2=Beige
Z Code Stands For: 1=White, 3=Beige
T Code Stands For: 0=White, 1=Beige

Horizontal and Vertical Frames

6 Gang Frame Vertical
909602D5
(81 x 438 mm)
Color◯◯

5 Gang Frame Vertical
909602D4
(81 x 367 mm)
Color◯◯



Flush Mounted Frame
909602Y6

Color◯◯

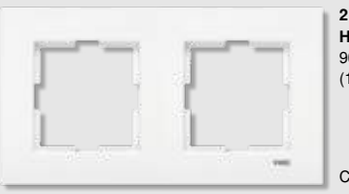
D Code Stands For: 2=White, 3=Beige
Y Code Stands For: 0=White, 1=Beige

4 Gang Frame Vertical
909602D3
(81 x 296 mm)
Color◯◯

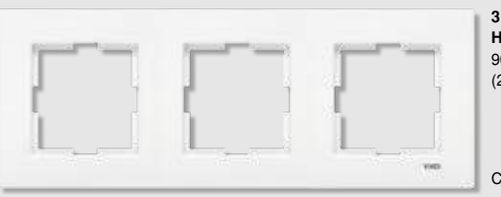
3 Gang Frame Vertical
909602D2
(81 x 225 mm)
Color◯◯

2 Gang Frame Vertical
909602D1
(81 x 154 mm)
Color◯◯

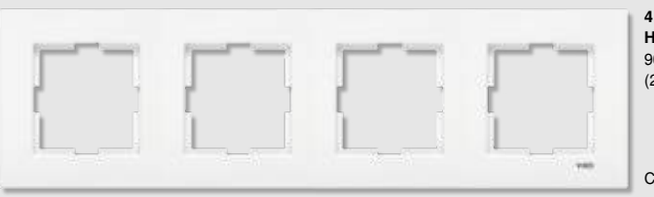
Single Frame
909602Y0
(83 x 81 mm)
Color◯◯



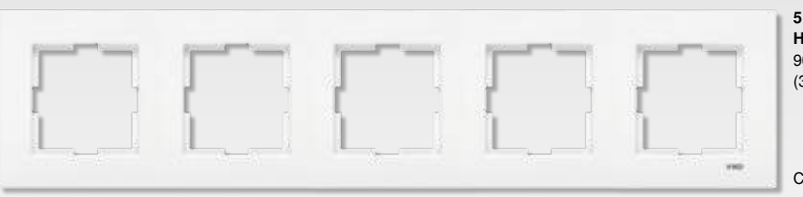
2 Gang Frame Horizontal
909602Y1
(154 x 81 mm)
Color◯◯



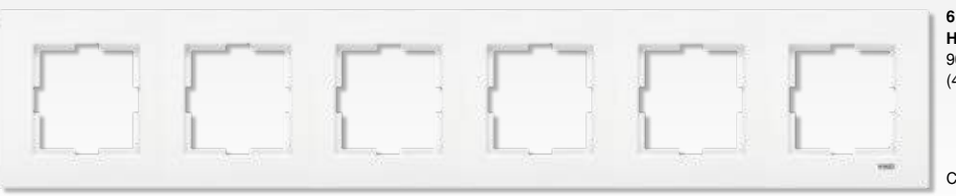
3 Gang Frame Horizontal
909602Y2
(225 x 81 mm)
Color◯◯



4 Gang Frame Horizontal
909602Y3
(296 x 81 mm)
Color◯◯



5 Gang Frame Horizontal
909602Y4
(367 x 81 mm)
Color◯◯



6 Gang Frame Horizontal
909602Y5
(438 x 81 mm)
Color◯◯

D Code Stands For: 2=White, 3=Beige
Y Code Stands For: 0=White, 1=Beige

selective perception

Meridian interprets literal elegance in its own style. Meridian that adds value to life complements the decoration of places with its simple form.
From now on, you are as close as Meridian to change.

indispensable style, indispensable simplicity

White

Beige

The solutions are enlightened with design in the rich world of Meridian colored with white and beige. Meridian creates solutions almost at every point with its energy efficient options intended for safe use. It features alternatives for different and multiple uses with its two-gang, three-gang, four-gang, five-gang, six-gang, horizontal and vertical frames.

With its renewed and strengthened mechanism, Meridian offers safe and strong socket solutions and meets the necessities including internet and satellite sockets. Energy Saver, temperature control, blind opening and closing, comfort and energy saving come in to the prominence in Meridan without compromising design.

Meridian

Switch

One-Way Switch
90970X01
10AX, 250V~
Color◯◯

One-way Switch, Illuminated
90970X19
10AX, 250V~
Color◯◯

2-Gang One-way Switch
90970X02
10AX, 250V~
Color◯◯

2-Gang One-way Switch, Illuminated
90970X50
10AX, 250V~
Color◯◯

Two-way Switch
90970X04
10AX, 250V~
Color◯◯

Two-way Switch, Illuminated
90970X63
10AX, 250V~
Color◯◯

One-way Push Button
90970X03
10AX, 250V~
Color◯◯

Push Button, Illuminated
90970X14
10AX, 250V~
Color◯◯

Push Button with Bell Symbol
90970X06
10AX, 250V~
Color◯◯

Push Button with Label, Illuminated 24V LED
90970X27
10AX, 24V~
Color◯◯

Push Button with Key Symbol
90970X05
10AX, 250V~
Color◯◯

2-Gang Two-way Switch
90970X31
10AX, 250V~
Color◯◯

Shutter Control Switch
90970X16
10AX, 250V~
Color◯◯

2-Gang Two-way Switch
90970X17
10AX, 250V~
Color◯◯

2-pole Switch
90970X39
16AX, 250V~
Color◯◯

2-pole Switch, Illuminated
90970X74
16AX, 250V~
Color◯◯

3-Gang One-way Switch
90970X68
10AX, 250V~
Color◯◯

Cooler Switch
90970X98
10AX, 250V~
Color◯◯

Double One-way Push Button
90970X83
10AX, 250V~
Color◯◯

Double One-way Switch
90970X44
10AX, 250V~
Color◯◯

Shutter Control Switch, Single Button
90970X72
10AX, 250V~
Color◯◯

Emergency Push Button with Cord
90970X18
10AX, 250V~
Color◯◯

Do not Disturb / Make-up Room Switch
90970X88
10AX, 250V~
Color◯◯

X stands for: 0=White, 2=Beige
Y stands for: 4=White, 5=Beige

Screw Terminal **Screwless Terminal**

Dimmer

Rotatif Dimmer
RL 600W/VA
90967X20

230V~
Color◯◯

Rotatif Dimmer
RL 1000W/VA
90967X69

230V~
Color◯◯

Pro Dimmer
RC 40-400W/VA
90970Y42

230V~
Color◯◯

Pro Dimmer
RLC 20-350W/VA
90970Y43

230V~
Color◯◯

Pro Dimmer
RL 6-100W/VA
90970Y29

230V~
Color◯◯

1-10V Dimmer
90970Y84

230V~
Color◯◯

Pro Dimmer
RL 20-500W/VA
90970Y40

230V~
Color◯◯

Socket

Socket 2P
90970X07

16A, 250V~
Color◯◯

Socket 2P Child Protection
90970X43

16A, 250V~
Color◯◯

Socket 2P+E
90970X08

16A, 250V~
Color◯◯

Socket 2P+E Child Protection
90970X42

16A, 250V~
Color◯◯

Socket 2P+E with Lid Child Protection
90970X12

16A, 250V~
Color◯◯

Socket 2P+E with Lid and Label Holder Child Protection
90970Y13

16A, 250V~
Color◯◯

Socket 2P+E (French Standard) Child Protection
90970X45

16A, 250V~
Color◯◯

Socket 2P+E with Lid (French Standard) Child Protection
90970X70

16A, 250V~
Color◯◯

Double Socket 2P
90970X55

16A, 250V~
Color◯◯

Double Socket 2P Child Protection
90970X46

16A, 250V~
Color◯◯

Double Socket 2P+E
90970X56

16A, 250V~
Color◯◯

Double Socket 2P+E Child Protection
90970X58

16A, 250V~
Color◯◯

Double Socket 2P+E (French Standard) Child Protection
90970X57

16A, 250V~
Color◯◯

USB Charger Socket- 5V 2A
90970Y05

Color◯◯

X stands for: 0=White, 2=Beige
Y stands for: 4=White, 5=Beige

Screw Terminal **Screwless Terminal**

Meridian

TV-Data

TV Socket
90970X10 (Terminated)
90970X59
(Through-pass 8dB)
90970X60
(Through-pass 12dB)
90970X49 (Lossless)

Color◯◯

Satellite Socket with F Connector
90970X09 (Terminated)
90970X38
(Through-pass 10dB)

Color◯◯

Satellite Socket (TV-SAT)
90970X85 (Terminated)
90970X86
(Through-pass 8dB)
90970X87
(Through-pass 11dB)

Color◯◯

TV-Radio Socket
90970X21 (Terminated)
90970X22
(Through-pass 7dB)
90970X24
(Through-pass 12dB)

Color◯◯

Satellite Socket (SAT-TV-RAD)
90970X41 (Terminated)
90970X52
(Through-pass 13dB)

Color◯◯

SAT-SAT-TV Socket (SAT-SAT-TV)
90970X53
(Terminated)

Color◯◯

Phone Socket (RJ11)
90970X13

Color◯◯

Data Socket
90970X32
(RJ45 CAT5E)
90970X78
(RJ45 CAT6)

Color◯◯

Double Phone Socket (2xRJ11)
90970X33

Color◯◯

Double Data Socket
90970X34
(2xRJ45 CAT5E)
90970X79
(2xRJ45 CAT6)

Color◯◯

Phone & Data Socket
90970X35
(CAT5E-RJ11)
90970X81
(CAT6-RJ11)

Color◯◯

Double Keystone Socket w/o Connectors
90970X62

Color◯◯

Electronic

Room Thermostat
90967Z30
90961T71(Heating-Cooling)

Color◯◯

Programmable Room Thermostat
90967Z32
90961T70 (Heating-Cooling)

Color◯◯

Programmable Shutter Control
90967Z33

Color◯◯

Motion Detector
90961T72 (3Wire 180°)
90961T73 (2Wire 180°)

Color◯◯

RFID Energy Saver
90967Z16 (13,56 MHz Multi Protocol 5V DC-)
90967Z17 (13,56 MHz 5V DC-)

Color◯◯

Energy Saver-Mechanic Switch
90967Z18 (5V DC-)
90967Z19 (230V AC~)

Color◯◯

Audio Socket
90970X37

Color◯◯

Volume Control Switch
90970X54
90970X28 (With transformer)

Color◯◯

Audio Channel Selection Switch
90970X82

Color◯◯

Buzzer
90970Y06

Color◯◯

X stands for: 0=White, 2=Beige
Y stands for: 4=White, 5=Beige
T stands for: 0=White, 1=Beige

Multimedia Connectors

Connector for HDMI Connection
90970Y01

Color◯◯

VGA Connector
90970Y02

Color◯◯

VGA Connector with PCB
90970Y03

Color◯◯

USB Connector
90970Y04

Color◯◯

Accessory

Cable Outlet, Mech.+Cover
90970X77

Color◯◯

Blank Cover
90970X26

Color◯◯

IP44 One Way Switch Kit
90960303

IP44 2-Gang One Way Switch Kit
90960304

IP44 Socket 2P Kit
90960305

Surface Mounting Box, Single
90979008 (White)
90979018 (Cream)

Color◯◯

Surface Mounting Box, Double
90979009 (White)
90979019 (Cream)

Color◯◯

Energy Saver Card
90551288

X stands for: 0=White, 2=Beige
Y stands for: 4=White, 5=Beige

Meridian

Horizontal and Vertical Frames

6 Gang Frame Vertical
909790D6
(83 x 438 mm)
Color◯◯

5 Gang Frame Vertical
909790D5
(83 x 367 mm)
Color◯◯

Flush Mounted Frame
909790Y7

Color◯◯

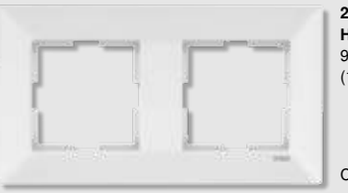
D stands for: 2=White, 3=Beige
Y stands for: 0=White, 1=Beige

4 Gang Frame Vertical
909790D4
(83 x 296 mm)
Color◯ ◯

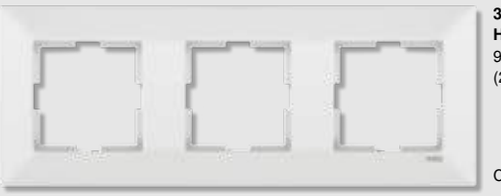
3 Gang Frame Vertical
909790D3
(83 x 225 mm)
Color◯ ◯

2 Gang Frame Vertical
909790D2
(83 x 154 mm)
Color◯ ◯

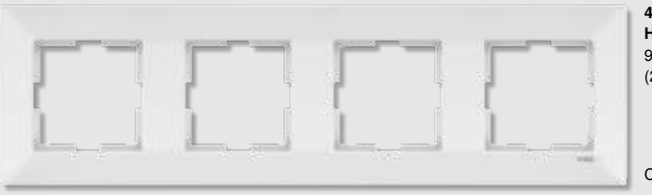
Single Frame
909790Y1
(83 x 83 mm)
Color◯ ◯



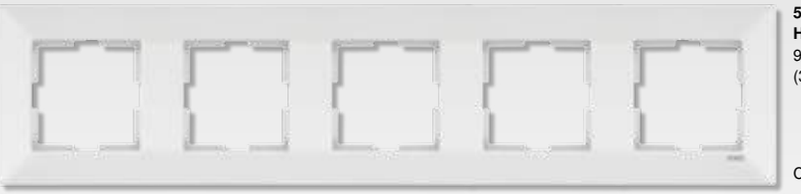
2 Gang Frame Horizontal
909790Y2
(154 x 83 mm)
Color◯ ◯



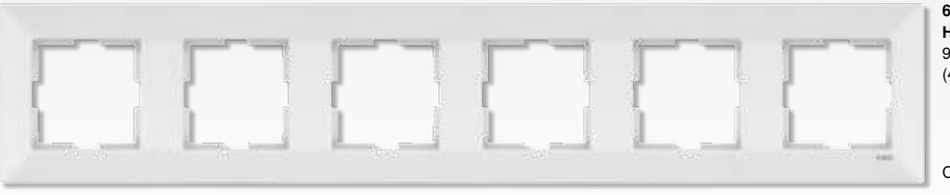
3 Gang Frame Horizontal
909790Y3
(225 x 83 mm)
Color◯ ◯



4 Gang Frame Horizontal
909790Y4
(296 x 83 mm)
Color◯ ◯



5 Gang Frame Horizontal
909790Y5
(367 x 83 mm)
Color◯ ◯



6 Gang Frame Horizontal
909790Y6
(438 x 83 mm)
Color◯ ◯

D stands for: 2=White, 3=Beige
Y stands for: 0=White, 1=Beige

naturally slim, actually elegant

Merida Slim is designed to create a slim difference in living spaces with its plain and elegant form which comes from the fine details. Merida Slim offers more comfort with its wide surface and advanced function options.

when it comes to refined tastes has Merida Slim say

White

Beige

Merida Slim fulfills the expectations with every detail. Merida Slim, which changes the appearance of living spaces with its fine form, appends its signature to simplicity and plainness with the white and beige options.

Be ready for a fine touch in living spaces...

Merida Slim offers all the solutions you need together with its elegant stance.

Merida Slim

Switch

One-Way Switch
9070X001
10AX, 250V~
Color◯◯

One-way Switch, Illuminated
9070X019
10AX, 250V~
Color◯◯

2-Gang One-way Switch
9070X002
10AX, 250V~
Color◯◯

2-Gang One-way Switch, Illuminated
9070X050
10AX, 250V~
Color◯◯

Two-way Switch
9070X004
10AX, 250V~
Color◯◯

Two-way Switch, Illuminated
9070X063
10AX, 250V~
Color◯◯

One-way Push Button
9070X003
10AX, 250V~
Color◯◯

Push Button, Illuminated
9070X014
10AX, 250V~
Color◯◯

Push Button with Bell Symbol
9070X006
10AX, 250V~
Color◯◯

Push Button with Label, Illuminated 24V LED
9070X027
10AX, 24V~
Color◯◯

Push Button with Key Symbol
9070X005
10AX, 250V~
Color◯◯

2-Gang Two-way Switch
9070X031
10AX, 250V~
Color◯◯

Shutter Control Switch
9070X016
10AX, 250V~
Color◯◯

2-Gang Two-way Switch
9070X017
10AX, 250V~
Color◯◯

2-pole Switch
9070X039
16AX, 250V~
Color◯◯

2-pole Switch, Illuminated
9070X074
16AX, 250V~
Color◯◯

3-Gang One-way Switch
9070X068
10AX, 250V~
Color◯◯

Cooler Switch
9070X098
10AX, 250V~
Color◯◯

Double One-way Push Button
9070X083
10AX, 250V~
Color◯◯

Double One-way Switch
9070X044
10AX, 250V~
Color◯◯

Shutter Control Switch, Single Button
9070X072
10AX, 250V~
Color◯◯

Emergency Push Button with Cord
9070X018
10AX, 250V~
Color◯◯

Do not Disturb / Make-up Room Switch
9070X088
H
10AX, 250V~
Color◯◯

X stands for: 0=White, 1=Beige
Y stands for: 4=White, 5=Beige

Screw Terminal **Screwless Terminal**

Dimmer

Rotatif Dimmer
RL 600W/VA
9070X020

230V~
Color◯◯

Rotatif Dimmer
RL 1000W/VA
9070X069

230V~
Color◯◯

Pro Dimmer
RC 40-400W/VA
9070X023

230V~
Color◯◯

Pro Dimmer
RLC 20-350W/VA
9070X025

230V~
Color◯◯

Pro Dimmer
RL 6-100W/VA
9070X029

230V~
Color◯◯

1-10V Dimmer
9070X084

230V~
Color◯◯

Pro Dimmer
RL 20-500W/VA
9070X040

230V~
Color◯◯

Socket

Socket 2P
9070X007

16A, 250V~
Color◯◯

Socket 2P Child Protection
9070X043

16A, 250V~
Color◯◯

Socket 2P+E
9070X008

16A, 250V~
Color◯◯

Socket 2P+E Child Protection
9070X042

16A, 250V~
Color◯◯

Socket 2P+E with Lid Child Protection
9070X012

16A, 250V~
Color◯◯

Socket 2P+E with Lid and Label Holder Child Protection
9070X011

16A, 250V~
Color◯◯

Socket 2P+E (French Standard) Child Protection
9070X045

16A, 250V~
Color◯◯

Socket 2P+E with Lid (French Standard) Child Protection
9070X070

16A, 250V~
Color◯◯

Double Socket 2P
9070X055

16A, 250V~
Color◯◯

Double Socket 2P Child Protection
9070X046

16A, 250V~
Color◯◯

Double Socket 2P+E
9070X056

16A, 250V~
Color◯◯

Double Socket 2P+E Child Protection
9070X058

16A, 250V~
Color◯◯

Double Socket 2P+E (French Standard) Child Protection
9070X057

16A, 250V~
Color◯◯

USB Charger Socket- 5V 2A
9070X015

Color◯◯

X stands for: 0=White, 1=Beige
Y stands for: 4=White, 5=Beige

Screw Terminal **Screwless Terminal**

Merida Slim

TV-Data

TV Socket
9070X010 (Terminated)
9070X059
(Through-pass 8dB)
9070X060
(Through-pass 12dB)
9070X049 (Lossless)

Color ◯ ◯

Satellite Socket with F Connector
9070X009 (Terminated)
9070X038
(Through-pass 10dB)

Color ◯ ◯

Satellite Socket (TV-SAT)
9070X085 (Terminated)
9070X086
(Through-pass 8dB)
9070X087
(Through-pass 11dB)

Color ◯ ◯

TV-Radio Socket
9070X021 (Terminated)
9070X022
(Through-pass 7dB)
9070X024
(Through-pass 12dB)

Color ◯ ◯

Satellite Socket (SAT-TV-RAD)
9070X041 (Terminated)
9070X052
(Through-pass 13dB)

Color ◯ ◯

SAT-SAT-TV Socket (SAT-SAT-TV)
9070X053
(Terminated)

Color ◯ ◯

Phone Socket (RJ11)
9070X013

Color ◯ ◯

Data Socket
9070X032
(RJ45 CAT5E)
9070X078
(RJ45 CAT6)

Color ◯ ◯

Double Phone Socket (2xRJ11)
9070X033

Color ◯ ◯

Double Data Socket
9070X034
(2xRJ45 CAT5E)
9070X079
(2xRJ45 CAT6)

Color ◯ ◯

Phone & Data Socket
9070X035
(CAT5E-RJ11)
9070X081
(CAT6-RJ11)

Color ◯ ◯

Double Keystone Socket w/o Connectors
9070X062

Color ◯ ◯

Electronic

Room Thermostat
90967Z30
90961T71 (Heating-Cooling)

Color ◯ ◯

Programmable Room Thermostat
90967Z32
90961T70 (Heating-Cooling)

Color ◯ ◯

Programmable Shutter Control
90967Z33

Color ◯ ◯

Motion Detector (V2)
90961T72 (3Wire 180°)
90961T73 (2Wire 180°)

Color ◯ ◯

RFID Energy Saver
9070X051 (13,56 MHz Multi Protocol 5V DC-)
9070X064 (13,56 MHz 5V DC-)

Color ◯ ◯

Energy Saver-Mechanic Switch
9070X067 (5V DC-)
9070X066 (230V AC~)

Color ◯ ◯

Audio Socket
9070X037

Color ◯ ◯

Volume Control Switch
9070X054
9070X028 (With transformer)

Color ◯ ◯

Audio Channel Selection Switch
9070X082

Color ◯ ◯

Buzzer
9070X006

Color ◯ ◯

X stands for: 0=White, 1=Beige
Z stands for: 1=White, 3=Beige
T stands for: 0=White, 1=Beige

Multimedia Connectors

Connector for HDMI Connection
9070X065

Color◯◯

VGA Connector
9070X071

Color◯◯

VGA Connector with PCB
9070X076

Color◯◯

USB Connector
9070X080

Color◯◯

Accessory

Cable Outlet, Mech.+Cover
9070X077

Color◯◯

Blank Cover
9070X026

Color◯◯

Surface Mounting Box, Single
9072X008

Color◯◯

Surface Mounting Box, Double
9072X009

Color◯◯

Energy Saver Card
90551288

IP44 One Way Switch Kit
90960303

IP44 2-Gang One Way Switch Kit
90960304

IP44 Socket 2P Kit
90960305

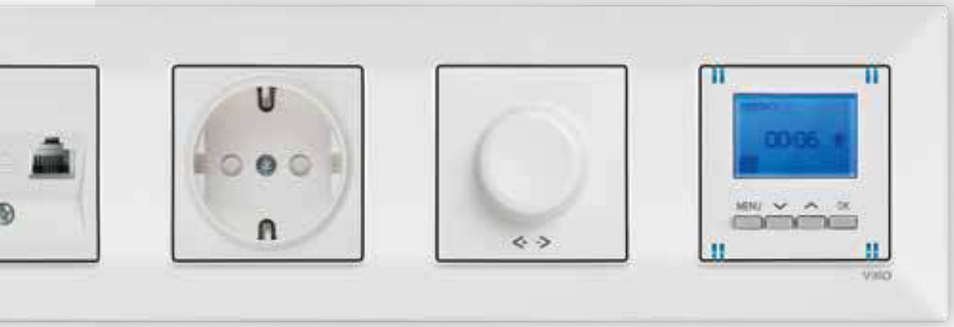
X stands for: 0=White, 1=Beige

Merida Slim

Horizontal and Vertical Frames

6 Gang Frame Vertical
9072X016
(83 x 438 mm)

5 Gang Frame Vertical
9072X015
(83 x 367 mm)
Color◯◯



Flush Mounted Frame
9072X007

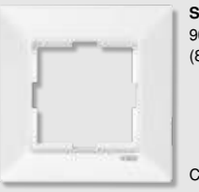
Color◯◯

D stands for: 2=White, 3=Beige
Y stands for: 0=White, 1=Beige

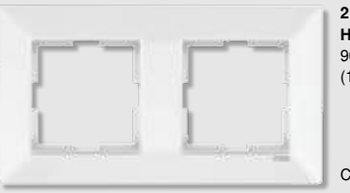
4 Gang Frame Vertical
9072X014
(83 x 296 mm)
Color◯◯

3 Gang Frame Vertical
9072X013
(83 x 225 mm)
Color◯◯

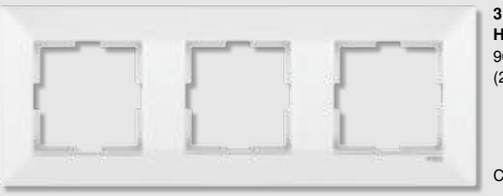
2 Gang Frame Vertical
9072X012
(83 x 154 mm)
Color◯◯



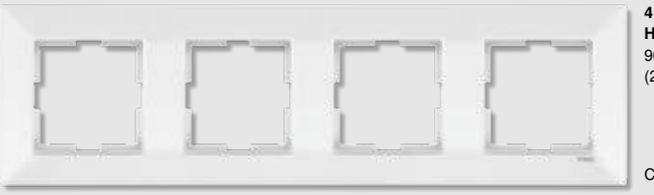
Single Frame
9072X001
(83 x 83 mm)
Color◯◯



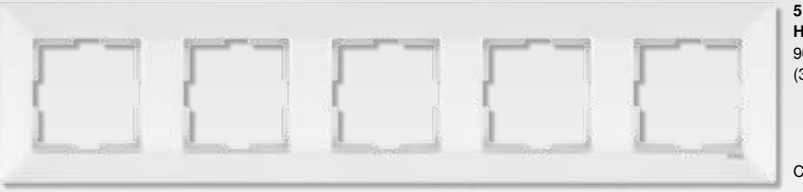
2 Gang Frame Horizontal
9072X002
(154 x 83 mm)
Color◯◯



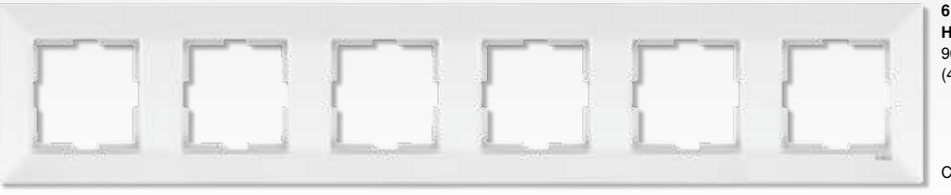
3 Gang Frame Horizontal
9072X003
(225 x 83 mm)
Color◯◯



4 Gang Frame Horizontal
9072X004
(296 x 83 mm)
Color◯◯



5 Gang Frame Horizontal
9072X005
(367 x 83 mm)
Color◯◯



6 Gang Frame Horizontal
9072X006
(438 x 83 mm)
Color◯◯

D stands for: 2=White, 3=Beige
Y stands for: 0=White, 1=Beige

design that adds elegance to life

carmen

Carmen is designed with lines reflecting the life. It is attracting all attention with its design as warm as your home and lines as sleek as the time.

aesthetic integrity, harmonious simplicity

White

Beige

Ensuring full harmony with your decoration preferences, Carmen series is offered with white and beige color options. Besides, Carmen also offers two-gang, three-gang five-gang horizontal and vertical frame applications.

The mechanism of Carmen series which is installed instantly and practically is only one of the privileges offered by this series. Carmen meets all requirements in switching completely with 23 different functions. In addition to safe use, single and two-gang socket functions Carmen also offers smart solutions for basic socket requirements with its child protected socket option.

Thanks to TV and telephone sockets and electronic products with easy installation included in Carmen series and dimmers provided in accordance with illumination requirements, living spaces meet with comfort and energy efficiency.

Carmen

Switch

One-Way Switch
9056X001

10AX, 250V~
Color◯◯

2-Gang One-way Switch
9056X002

10AX, 250V~
Color◯◯

Two-way Switch
9056X004

10AX, 250V~
Color◯◯

One-way Push Button
9056X003

10AX, 250V~
Color◯◯

Intermediate Switch
9056X031

10AX, 250V~
Color◯◯

2-Gang Two-way Switch
9056X017

10AX, 250V~
Color◯◯

2-pole Switch
9056X039

10AX, 250V~
Color◯◯

Double One-way Switch
9056X044

10AX, 250V~
Color◯◯

One-way Switch, Illuminated
9056X019

10AX, 250V~
Color◯◯

2-Gang One-way Switch, Illuminated
9056X050

10AX, 250V~
Color◯◯

Two-way Switch, Illuminated
9056X063

10AX, 250V~
Color◯◯

Push Button, Illuminated
9056X014

10AX, 250V~
Color◯◯

Push Button with Label, Illuminated 24V LED
9056X027

10AX, 250V~
Color◯◯

Double Pole Switch, Illuminated
9056X074

10AX, 250V~
Color◯◯

Push Button with Key Symbol
9056X005

10AX, 250V~
Color◯◯

Push Button with Bell Symbol
9056X006

10AX, 250V~
Color◯◯

Double One-way Push Button
9056X083

10AX, 250V~
Color◯◯

Shutter Control Switch
9056X016

10AX, 250V~
Color◯◯

Shutter Control Switch, Single Button
9056X072

10AX, 250V~
Color◯◯

Do not Disturb / Make-up Room Switch
9056X088

10AX, 250V~
Color◯◯

Emergency Push Button with Cord
9056X018

10AX, 250V~
Color◯◯

Cooler Switch
9056X098

10AX, 250V~
Color◯◯

3-Gang One-way Switch
9056X068

10AX, 250V~
Color◯◯

X Code Stands For: 1=White, 2=Beige

Screw Terminal

Dimmer

Rotary Dimmer
RL 600W/VA
9056X020

Color◯◯

Rotary Dimmer
RL 1000W/VA
9056X069

Color◯◯

Pro Dimmer
RC 40-400W/VA
9056X142

Color◯◯

Pro Dimmer
RL 20-500W/VA
9056X140

Color◯◯

Socket

Socket 2P
9056X007

16A, 250V~
Color◯◯

Socket 2P
Child Protection
9056X043

16A, 250V~
Color◯◯

Socket 2P+E
9056X008

16A, 250V~
Color◯◯

Socket 2P+E
Child Protection
9056X042

16A, 250V~
Color◯◯

Socket 2P+E with Lid
Child Protection
9056X012

16A, 250V~
Color◯◯

Socket 2P+E
(French Standard)
Child Protection
9056X045

16A, 250V~
Color◯◯

Double Socket 2P
9056X055

16A, 250V~
Color◯◯

Double Socket 2P
Child Protection
9056X046

16A, 250V~
Color◯◯

Double Socket
2P+E
9056X056

16A, 250V~
Color◯◯

Double Socket
2P+E Child
Protection
9056X058

16A, 250V~
Color◯◯

Double Socket 2P+E
(French Standard)
Child Protection
9056X057

16A, 250V~
Color◯◯

X Code Stands For: 1=White, 2=Beige

Screw Terminal

TV-Data

TV Socket
9056X010 (Terminated)
9056X059
(Through-pass 8dB)
9056X060
(Through-pass 12dB)
9056X049 (Lossless)

Color◯◯

Satellite Socket with F Connector
9056X096 (Terminated)
9056X097
(Through-pass 10dB)

Color◯◯

Two-Gang Satellite Socket (TV-SAT)
9056X085 (Terminated)
9056X086
(Through-pass 8dB)
9056X087
(Through-pass 11dB)

Color◯◯

Satellite Socket (SAT-TV-RAD)
9056X041 (Terminated)
9056X052
(Through-pass13dB)

Color◯◯

TV-Radio Socket
9056X021 (Terminated)
9056X022
(Through-pass 8dB)
9056X024
(Through-pass 12dB)

Color◯◯

SAT-SAT-TV Socket (SAT-SAT-TV-RAD)
9056X053

Color◯◯

Phone Socket
9056X011

Color◯◯

Phone Socket (RJ11)
9056X013

Color◯◯

Data Socket
9056X032 (Cat5E)
9056X332 (Cat6)

Color◯◯

Double Phone Socket (2xRJ11)
9056X033

Color◯◯

Double Data Socket
9056X034 (Cat5E)
9056X334 (Cat6)

Color◯◯

Phone & Data Socket
9056X035 (Cat5E)
9056X335 (Cat6)

Color◯◯

Double Keystone Socket w/o Connectors
9056X132

Color◯◯

X Code Stands For: 1=White, 2=Beige

Screw Terminal

Electronic

Hotel Card Switch / Energy Saver
9056X051(Except without Relay)
90551251 (Relay 220V-10A)
Color◯◯

Audio Socket
9056X037
Color◯◯

Volume Control Switch
9056X054
(Emergency Announcement With Transformer)
Color◯◯

Volume Control Switch with Transformer
9056X091
Color◯◯

Audio Channel Selection Switch
9056X082
Color◯◯

Push Button with Bell Symbol Buzzer
9056X106
Color◯◯

Accessory

Cable Outlet, Mech.+Cover
9056X077
Color◯◯

Surface Mounting Box, Single
9057X009
Color◯◯

Hotel Card Switch / Energy Saver Key
90551151
Color◯◯

X Code Stands For: 1=White, 2=Beige

Screw Terminal

Carmen

Horizontal and Vertical Frames

6 Gang Frame Vertical
9057Y006
82.5 x 435.5 mm)
Color◯◯

5 Gang Frame Vertical
9057Y005
(82.5 x 364.5 mm)
Color◯◯

Y Code Stands For: 1 = White, 2 = Beige

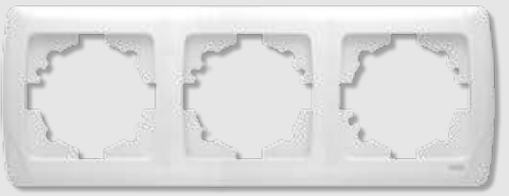
4 Gang Frame Vertical
9057Y004
(82.5 x 293.5 mm)
Color◯ ◯

3 Gang Frame Vertical
9057Y003
(82.5 x 222.5 mm)
Color◯ ◯

2 Gang Frame Vertical
9057Y002
(82.5 x 151.5 mm)
Color◯ ◯

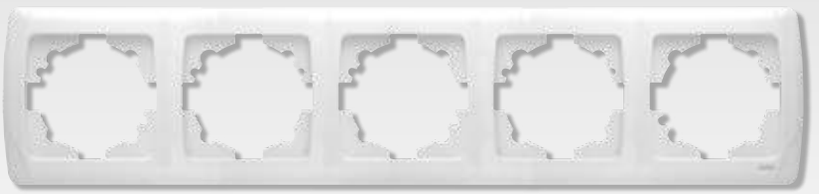
Single Frame
9057Y001
(82.5 x 80.5 mm)
Color◯ ◯

2 Gang Frame Horizontal
9057Y102
(153.5 x 80.5 mm)
Color◯ ◯

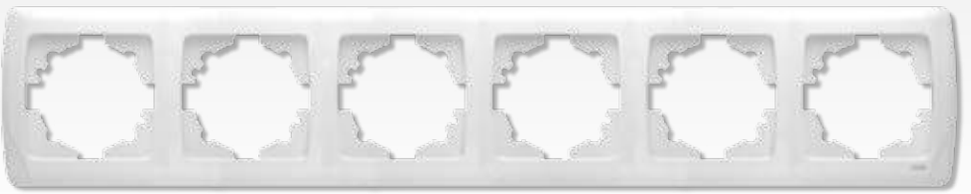


3 Gang Frame Horizontal
9057Y103
(224.5 x 80.5 mm)
Color◯ ◯

4 Gang Frame Horizontal
9057Y104
(295.5 x 80.5 mm)
Color◯ ◯



5 Gang Frame Horizontal
9057Y105
(366.5 x 80.5 mm)
Color◯ ◯



6 Gang Frame Horizontal
9057Y106
(437.5 x 80.5 mm)
Color◯ ◯

Y Code Stands For: 1 = White, 2 = Beige

above the line comfort, surface mount easiness

Creating surface mounted solutions for indoor places, Vera combines its design making life easier with safety of use. Vera surface mounted series meets comfort, design and functionality expectations with standards required for safety of use.

privileged colors in surface mounted design

White Beige Mahogany Oak

Vera surface mounted series offering colorful and wooden patterned decorative solutions for indoor places, meets the expectations for functionality and comfort. Vera series with extensive product range and easy to install features offers above the line comfort with surface mounted switches and sockets for areas free from moisture.

Vera series meets TV / Data socket requirements with surface mounted products. Two-gang horizontal and vertical surface mounted combinations in compliance with requirements, decorations and architectural structure of places are also included in the product range of Vera series.

Vera

Switch

One-Way Switch
90681X01
90682Z01

10AX, 250V~
Color

2-Gang One-way Switch
90681X02
90682Z02

10AX, 250V~
Color

Two-way Switch
90681X04
90682Z04

10AX, 250V~
Color

One-way Push Button
90681X03
90682Z03

10AX, 250V~
Color

2-Gang Two-way Switch
90681X17
90682Z17

10AX, 250V~
Color

3-Gang One-way Switch
90681X68
90682Z68

10AX, 250V~
Color

One-way Switch, Illuminated
90681X19
90682Z19

10AX, 250V~
Color

2-Gang One-way Switch, Illuminated
90681X50
90682Z50

10AX, 250V~
Color

Two-way Switch, Illuminated
90681X63
90682Z63

10AX, 250V~
Color

Push Button, Illuminated
90681X14
90682Z14

10AX, 250V~
Color

Push Button with Label, Illuminated 24V LED
90681X27
90682Z27

10AX, 24V~
Color

Socket

Socket 2P
90681X07
90682Z07

16A, 250V~
Color

Socket 2P+E
90681X08
90681Z08

16A, 250V~
Color

Socket 2P+E (Child Protection)
90681X42
90682Z42

16A, 250V~
Color

Socket 2P+E (French Standard) Child Protection
90681X45
90682Z45

16A, 250V~
Color

Double Socket 2P
90681X55
90682Z55

16A, 250V~
Color

Double Socket 2P+E
90681X56
90682Z56

16A, 250V~
Color

Double Socket 2P+E (Child Protection)
90681X58
90682Z58

16A, 250V~
Color

X Code Stands For: 0= White, 2= Beige
Z Code Stands For: 0= Oak, 2= Mahogany

Screw Terminal

TV-Data

TV Socket
90681X10 (Terminated)
90681X49 (Lossless)
90682Z10 (Terminated)
90682Z49 (Lossless)

Color

TV Socket
90681X59 (Through-pass 8dB)
90681X60 (Through-pass 12dB)
90682Z59 (Through-pass 8dB)
90682Z60 (Through-pass 12dB)

Color

Phone Socket RJ11
90681X13
90682Z13

Color

Data Socket RJ45 Cat5E
90681X32
90682Z32

Color

Vertical Combination

Switch + Socket 2P Vertical Combination
90681Y86
90682V86

Color

2-Gang One-way Switch + Socket 2P Vertical Combination
90681Y89
90682V89

Color

Switch Illuminated + Socket 2P Vertical Combination
90681Y90
90682V90

Color

2-Gang One-way Switch + Socket 2P Vertical Combination
90681Y91
90682V91

Color

Horizontal Combination

Switch + Socket 2P Horizontal Combination
90681Y86
90682V86

Color

2-Gang One-way Switch + Socket 2P Horizontal Combination
90681Y89
90682V89

Color

Switch Illuminated + Socket 2P Horizontal Combination
90681Y90
90682V90

Color

2-Gang One-way Switch + Socket 2P Horizontal Combination
90681Y91
90682V91

Color

X Code Stands For: 0= White 2= Beige
Y Code Stands For: 0= White Vertical 1= White Horizontal 2= Beige Vertical 3= Beige Horizontal
Z Code Stands For: 0= Oak 2= Mahogany
V Code Stands For: 0= Oak Vertical 1= Oak Horizontal 2= Mahogany Vertical 3= Mahogany Horizontal

Screw Terminal

everyone desires to feel safe

Wet and moist areas, harsh conditions, dust or smoke... Pacific is ready for all. Pacific with IP54 feature is designed to be admired. Pacific IP54 fulfills its task perfectly for safety in bathrooms, SPA saloons, laundry rooms, workshops, terraces and balconies.

strong protection against water and dust, reliable design

White

Gray

Dark Gray

Strong and durable Pacific with IP54 function for outdoor areas underlines the concept of safety in surface mounted applications. Pacific highlighting its durability with dark gray, gray and white color options meets all expectations with its extensive product range. IP54 protected Pacific ensures prevention of unauthorized access with its locked lid alternative.

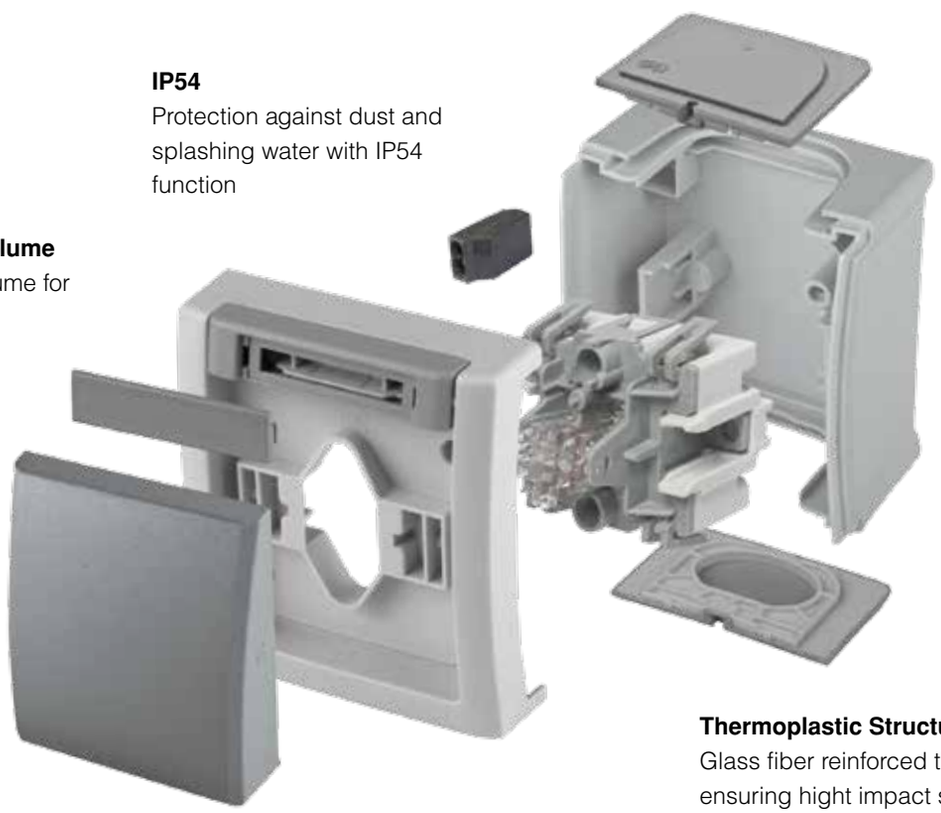
Users of Pacific may choose form vertical or horizontal combinations according to the places. With the label kit that could be purchased separately and installed for unlabeled products and duplicate injection vertical joint gasket, Pacific makes life easier.

inside-out Pacific IP54

IP54
Protection against dust and splashing water with IP54 function

Sealing
Safe use with duplicate injection gaskets offering sealing function

Wide Internal Volume
Wide internal volume for easy wiring



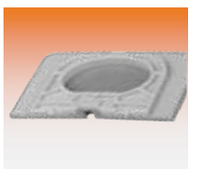
Thermoplastic Structure
Glass fiber reinforced thermoplastic material ensuring hight impact strength, resistance to chemical and thermal environments

Cover
Fast and easy installation with quick connecting terminals

Installation on Wall from the Closest Point

Thanks to patented asymmetrical gasket system in Pacific, the cables can be installed from the closest point to the wall. Furthermore, it allows inlet of cable with three different dimensions.

Patented gasket system for cable installation from the closest point to the wall without twisting



Cables can be installed just by pressing and gasket system is appropriate for installing cables in three different sizes

Duplicate injection gaskets with sealing functions for vertical use

Special Earthing Connectors

Special earthing connectors for safe use are offered as standard in all Pacific products.

Safe use with quick earthing connector that ensures transition in switch group

Safe sockets with new design earthing contact

Innovative Rapid Screws

Thanks to innovative rapid screws, the upper body of the product can be installed in a quicker manner to the product base.

Compact Pair

Pacific offers horizontal and vertical product combinations.

Pacific

Switch

Switch
90591X01

10AX, 250V~
Color ○ ● ●

2-Gang One-way Switch
90591X02

10AX, 250V~
Color ○ ● ●

Two-way Switch
90591X04

10AX, 250V~
Color ○ ● ●

One-way Push Button
90591X03

10AX, 250V~
Color ○ ● ●

Intermediate Switch
90591X31

10AX, 250V~
Color ○ ● ●

2-Gang Two-way Switch
90591X29

10AX, 250V~
Color ○ ● ●

Double One-way Push Button
90591X26

10AX, 250V~
Color ○ ● ●

Shutter Control Switch
90591X16

10AX, 250V~
Color ○ ● ●

One-way Switch, Illuminated
90591X20

10AX, 250V~
Color ○ ● ●

Two-way Switch, Illuminated
90591X64

10AX, 250V~
Color ○ ● ●

Push Button, Illuminated
90591X14

10AX, 250V~
Color ○ ● ●

Socket

Socket 2P+E
90591X08
90592X08 (C.P)

16A, 250V~
Color ○ ● ●

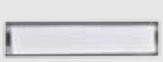
Earthed Socket Lockable
90591X41
90592X41 (C.P)

16A, 250V~
Color ○ ● ●

Socket 2P+E (French Standard)
90591X07 (C.P)

16A, 250V~
Color ○ ● ●

Accessory



Label Kit
90591300

Vertical Connection Gasket
90591302

Light Carrier
90591304

C.P: Child protection **X** Code Stands For: 0= Gray, 1= White, 6= Dark Gray **Screwless Terminal**

Horizontal Combination

Switch + Earthed Socket
90591X77
90592X77 (C.P)

Color ○ ○ ●

Two-way switch + Earthed Socket
90591X80
90592X80 (C.P)

Color ○ ○ ●

Earthed Socket + Earthed Socket
90591X88
90592X88 (C.P)

Color ○ ○ ●

2-Gang 2-Way Switch+Earthed Socket
90591X96
90592X96 (C.P)

Color ○ ○ ●

2-Gang One-Way Switch+Earthed Socket
90591X78
90592X78 (C.P)

Color ○ ○ ●

One Way Switch Illuminated+ Earthed Socket
90591X76
90592X78 (C.P)

Color ○ ○ ●

Two-way Switch Illuminated + Earthed Socket
90591X74
90592X74 (C.P)

Color ○ ○ ●

Triple Earthed Socket
90591Y99
90592Y99 (C.P)

Color ○ ○ ●

Vertical Combination

Switch + Earthed Socket
90591X81
90592X81 (C.P)

Color ○ ○ ●

2-gang One-way Switch + Earthed Socket
90591X82
90592X82 (C.P)

Color ○ ○ ●

Switch Illuminated + Earthed Socket
90591X83
90592X83 (C.P)

Color ○ ○ ●

Two-way Switch Illuminated + Earthed Socket
90591X91
90592X91 (C.P)

Color ○ ○ ●

Earthed Socket + Earthed Socket
90591X86
90592X86 (C.P)

Color ○ ○ ●

2-gang Two-way Switch + Earthed Socket
90591X94
90592X94 (C.P)

Color ○ ○ ●

Two-way switch + Earthed Socket
90591X98
90592X98 (C.P)

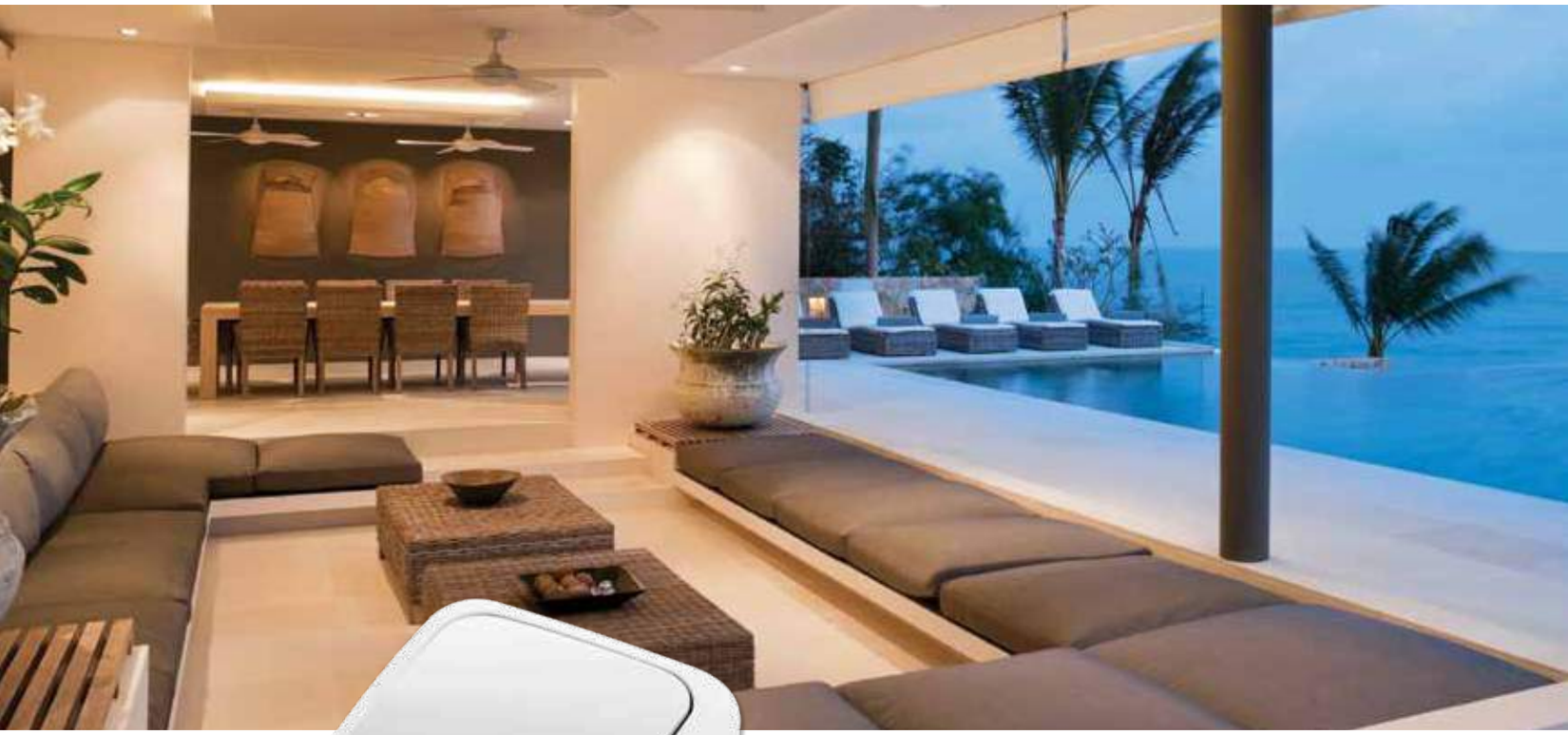
Color ○ ○ ●

C.P: Child protection **Y** Code Stands: 4= Gray, 5= White, 7= Dark Gray **X** Code Stands For: 0= Gray, 1= White, 6= Dark Gray **Screwless Terminal**

privilege of dusty and moist places

Moist places enjoy the privilege of elegantly designed, long lasting Palmiye series with IP54 function. Palmiye series meet the expectations for safe use in areas requiring more care and caution. Products of Palmiye series come into prominence with long lasting and durability features and offer decorative choices with white and gray color options.

decorations that never become old fashioned and elegant designs



White

Gray

Thanks to IP54 function of Palmiye offered with white and gray color options, this series provide resistance to dust and moisture, long lasting capability, cover that could be assembled or disassembled only by tightening or loosening screw and flexible gasket that enables installing the cable by pressing and make difference with quick and safe cabling functions.

Surface mounted Palmiye series offers earthed and earthed UPS sockets with lid resistant to dust and water thanks to IP54 function. TV / Data socket options with surface mounted IP54 function and optional horizontal and vertical two-gang combinations depending on the application area enrich the options of users.

Palmiye

Switch

Switch
90555X01

10AX, 250V~
Color ◯ ●

2-Gang One-way Switch
90555X02

10AX, 250V~
Color ◯ ●

Two-way Switch
90681X04

10AX, 250V~
Color ◯ ●

One-way Push Button
90555X03

10AX, 250V~
Color ◯ ●

Intermediate Switch
90555X31

10AX, 250V~
Color ◯ ●

2-Gang Two-way Switch
90555X17

10AX, 250V~
Color ◯ ●

One-way Switch, Illuminated
90555X19

10AX, 250V~
Color ◯ ●

Two-way Switch, Illuminated
90555X63

10AX, 250V~
Color ◯ ●

Push Button, Illuminated
90555X14

10AX, 250V~
Color ◯ ●

Push Button with Label, Illuminated 24V LED
90555X27

10AX, 24V~
Color ◯ ●

Push Button with Bell Symbol
90555X06

10AX, 250V~
Color ◯ ●

Push Button with Key Symbol
90555X05

10AX, 250V~
Color ◯ ●

Socket

Socket 2P+E
90555X08

16A, 250V~
Color ◯ ●

Socket 2P+E (French Standard)
90555X15

16A, 250V~
Color ◯ ●

TV-Data

TV Socket
90555X10 (Terminated)
90555X59 (Through-pass 8dB)
90555X60 (Through-pass 12dB)
90555X49 (Lossless)

Color ◯ ●

Phone Socket RJ11
90555X13

Color ◯ ●

Accessory

Vertical Connection Gasket
90555580

Color ●

X Code Stands For: 4= White, 5= Gray

Screwless Terminal

Horizontal Combination

Switch + Earthed Socket Horizontal Combination
90555X81

Color ◯ ●

Switch Illuminated + Earthed Socket Horizontal Combination
90555X99

Color ◯ ●

2-Gang One-way Switch + Earthed Socket Horizontal Combination
90555X82

Color ◯ ●

One-way Push Button + Earthed Socket Horizontal Combination
90555X83

Color ◯ ●

One-way Push Button Illuminated + Earthed Socket Horizontal Combination
90555X94

Color ◯ ●

Two-way switch + Earthed Socket Horizontal Combination
90555X84

Color ◯ ●

Two-way Switch Illuminated + Earthed Socket Horizontal Combination
90555X93

Color ◯ ●

2-Gang Two-way Switch + Earthed Socket Horizontal Combination
90555X87

Color ◯ ●

Earthed Socket + Earthed Socket Horizontal Combination
90555X88

Color ◯ ●

Vertical Combination

Switch + Earthed Socket Vertical Combination
90555Y81

Color ◯ ●

Switch Illuminated + Earthed Socket Vertical Combination
90555Y94

Color ◯ ●

2-Gang One-way Switch + Earthed Socket Vertical Combination
90555Y82

Color ◯ ●

One-way Push Button + Earthed Socket Vertical Combination
90555Y83

Color ◯ ●

One-way Push Button Illuminated + Earthed Socket Vertical Combination
90555Y93

Color ◯ ●

Two-way switch + Earthed Socket Vertical Combination
90555Y89

Color ◯ ●

Two-way Switch Illuminated + Earthed Socket Vertical Combination
90555Y92

Color ◯ ●

2-Gang Two-way Switch + Earthed Socket Vertical Combination
90555Y90

Color ◯ ●

Earthed Socket + Earthed Socket Vertical Combination
90555Y91

Color ◯ ●

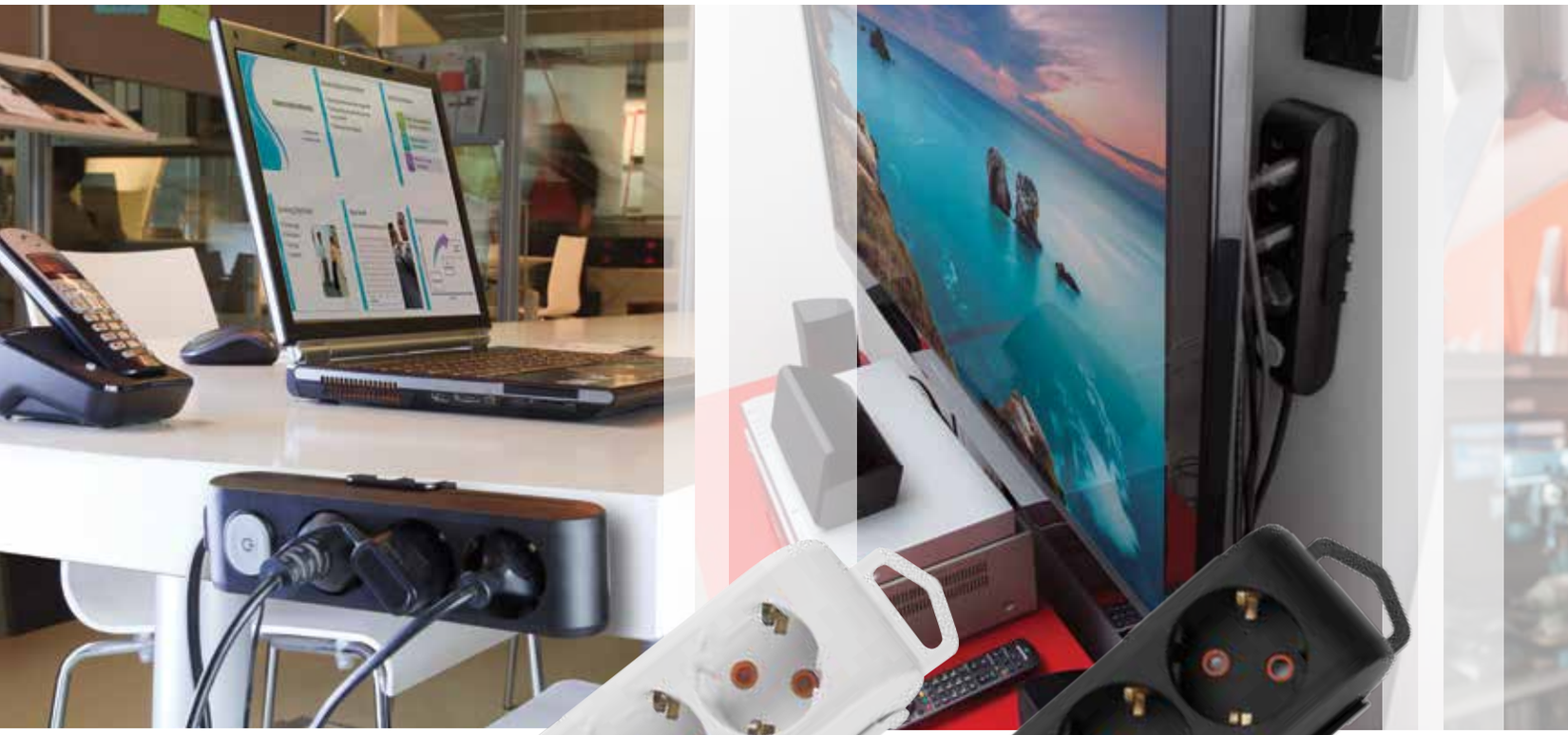
X stands for: 4= White, 5= Gri
Y stands for: 9= White, 7= Gri

Screwless Terminal

multiple functions in group sockets

Multi-let with its special designed bracket offers safety and comfort at home, office, workshop and work-site thanks to its ability to be fixed or hanged. Thanks to different cable lengths, the cable disruption is avoided.

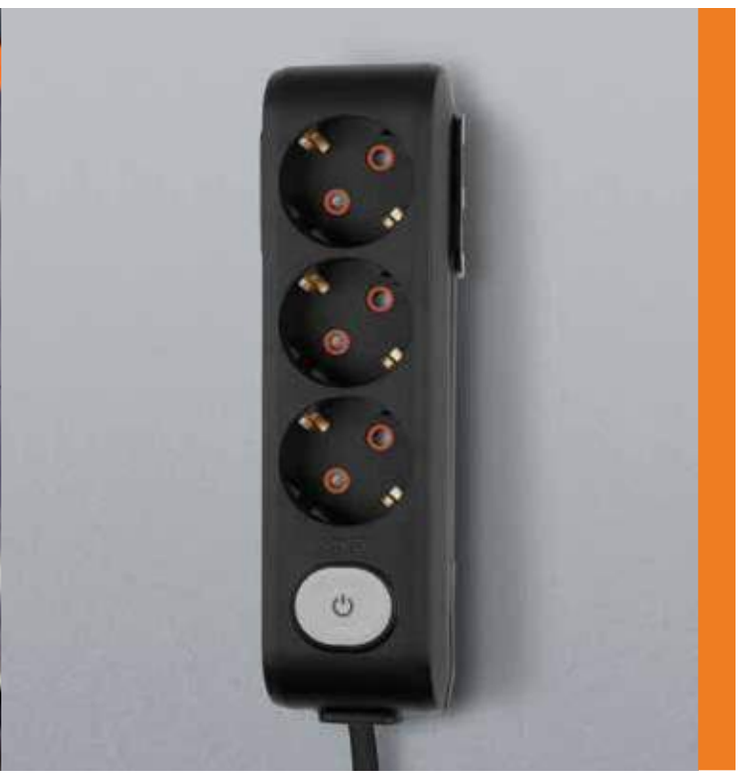
advanced design, multi-functional use



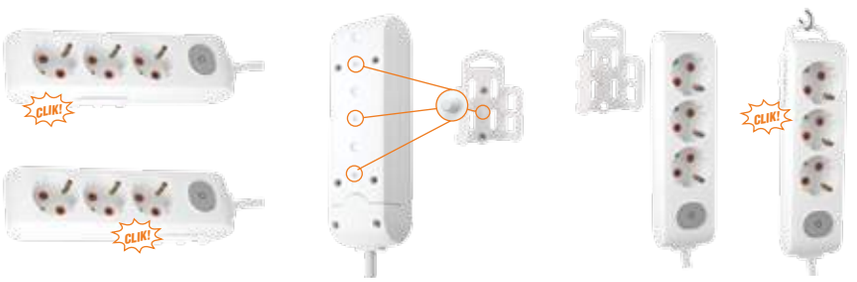
White Black

- Fixed use in surface mounted applications
- Use by hanging when desired
- Child protection feature offered as standard in all products
- Special rear lid that could be opened for easy and safe cable installation*
- 2-gang, 3-gang, 4-gang, 5-gang and 6-gang product options
- Cordless (terminal) or 1 m, 2 m, 3 m and 5 m cable options
- Product option with and without switch
- On/Off Push button with orange light
- Black and white color option

* Rear lid can be opened in all products with switch or terminal.



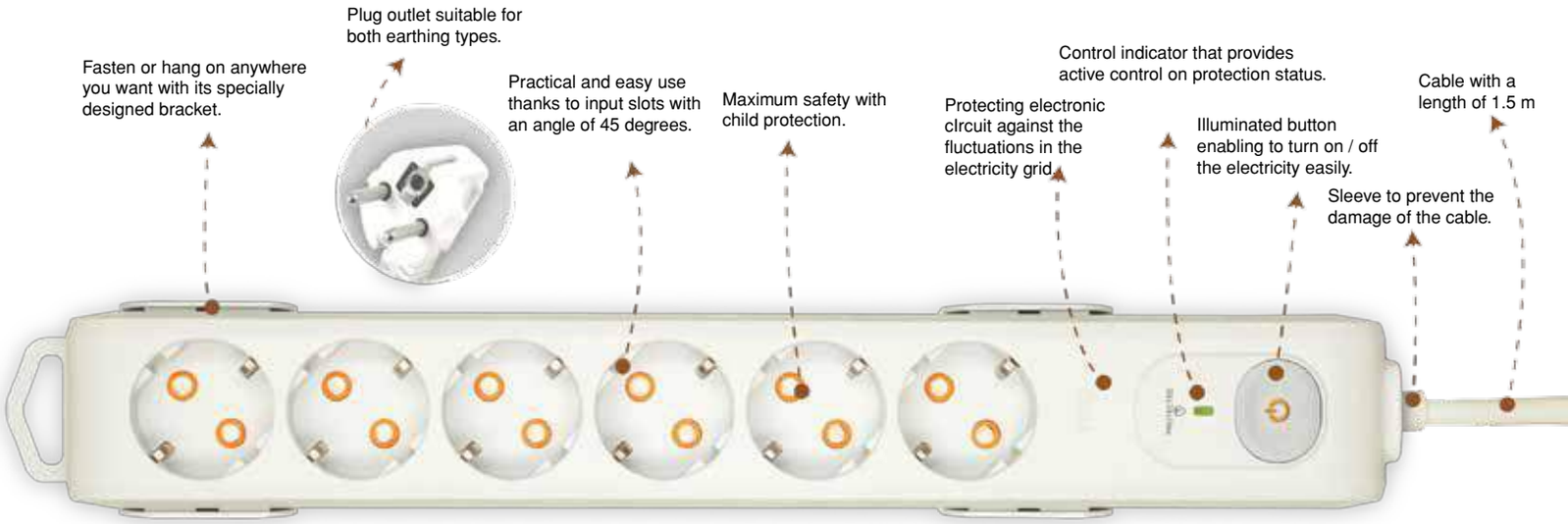
Thanks to the special design holder bracket you can use Multi-let either by hanging or fixing in surface mounted applications.



Use by Hanging
Install the guide pin on holder bracket to the appropriate place on the group socket. From now on, you may use Multi-let by hanging wherever you want.

Surface Mounted Use
Thanks to special holder bracket, you may use Multi-let by fixing it wherever you want. Firstly, install the holder bracket on to wall or another surface by using appropriate screws in screw holes. Fix the guide pin and its apparatus that ensure guiding on to the appropriate point on the group socket.

Don’t let your joy be interrupted!



Sudden over voltages
can't damage your electronic devices thanks to Multi-let
Surge-protected Group Socket

Electronic devices may be damaged due to the sudden over voltages occurred in the electricity grid and your device may become out of use.

Multi-let Surge-protected Group Socket ensures that electronic devices like televisions, desktop computers and laptops, audio systems, printers, scanners are protected agains sudden over voltages occurred in the electricity grid.

multilet
Surge-protected Group Socket

Multi-let Surge-protected Group Socket prevents damage to devices due to spikes in the grid.

In case of spikes in the grid, Multi-let Surge-protected Group Socket absorbs such spikes with the built-in protection elements and prevents devices to be subjected to such spikes. Multi-let Surge-protected Group Socket cuts the outlet voltage and renders itself unoperational. Then, Multi-let Surge-protected Group Socket which loses its characteristics of surge-protection against any repeated grid problems, stops its operation as standard type group socket as it does not comply with its intended use. In such a case, the orange and green light on the product fades.

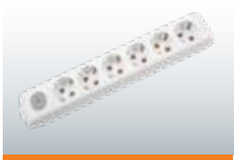
Area of Use

Multi-let

Child protected earthed socket

	2-Gang Socket	3-Gang Socket	4-Gang Socket	5-Gang Socket	6-Gang Socket
w/o Cord	90113200 ○ 90133200 ●	90113300 ○ 90133300 ●	90113400 ○ 90133400 ●	90113500 ○ 90133500 ●	90113600 ○ 90133600 ●
	2-Gang Socket with Cord.	3-Gang Socket with Cord.	4-Gang Socket with Cord.	5-Gang Socket with Cord.	6-Gang Socket with Cord.
1 m	90113201 ○ 90133201 ●	90113301 ○ 90133301 ●	90113401 ○ 90133401 ●	90113501 ○ 90133501 ●	90113601 ○ 90133601 ●
2 m	90113202 ○ 90133202 ●	90113302 ○ 90133302 ●	90113402 ○ 90133402 ●	90113502 ○ 90133502 ●	90113602 ○ 90133602 ●
3 m	90113203 ○ 90133203 ●	90113303 ○ 90133303 ●	90113403 ○ 90133403 ●	90113503 ○ 90133503 ●	90113603 ○ 90133603 ●
5 m	90113205 ○ 90133205 ●	90113305 ○ 90133305 ●	90113405 ○ 90133405 ●	90113505 ○ 90133505 ●	90113605 ○ 90133605 ●

Child protected earthed socket (with Switch)

	2-Gang Socket	3-Gang Socket	4-Gang Socket	5-Gang Socket	 6-Gang Socket
w/o Cord	90117200 ○ 90137200 ●	90117300 ○ 90137300 ●	90117400 ○ 90137400 ●	90117500 ○ 90137500 ●	90117600 ○ 90137600 ●
	2-Gang Socket with Cord.	3-Gang Socket with Cord.	4-Gang Socket with Cord.	5-Gang Socket with Cord.	6-Gang Socket with Cord.
1 m	90117201 ○ 90137201 ●	90117301 ○ 90137301 ●	90117401 ○ 90137401 ●	90117501 ○ 90137501 ●	90117601 ○ 90137601 ●
2 m	90117202 ○ 90137202 ●	90117302 ○ 90137302 ●	90117402 ○ 90137402 ●	90117502 ○ 90137502 ●	90117602 ○ 90137602 ●
3 m	90117203 ○ 90137203 ●	90117303 ○ 90137303 ●	90117403 ○ 90137403 ●	90117503 ○ 90137503 ●	90117603 ○ 90137603 ●
5 m	90117205 ○ 90137205 ●	90117305 ○ 90137305 ●	90117405 ○ 90137405 ●	90117505 ○ 90137505 ●	90117605 ○ 90137605 ●

○ White ● Black

Child protected earthed socket (French Standard)

	3-Gang Socket	4-Gang Socket	5-Gang Socket	6-Gang Socket
w/o Cord	90110300 ○ 90130300 ●	90110400 ○ 90130400 ●	90110500 ○ 90130500 ●	90110600 ○ 90130600 ●
	3-Gang Socket with Cord.	**4-Gang Socket with Cord.**	**5-Gang Socket with Cord.**	**6-Gang Socket with Cord.**
2 m	90110302 ○ 90130302 ●	90110402 ○ 90130402 ●	90110502 ○ 90130502 ●	90110602 ○ 90130602 ●

Child protected earthed socket (French Standard) (with Switch)

	3-Gang Socket	6-Gang Socket		3-Gang Socket with Cord.	6-Gang Socket with Cord.
w/o Cord	90119300 ○ 90139300 ●	90119600 ○ 90139600 ●	**2 m**	90119302 ○ 90139302 ●	90119602 ○ 90139602 ●

Accessory

Holder Bracket

90301100 ○
90301101 ●

Surge-protected group socket

6-Gang Socket with Cord. (1.5m)

90117632 ●

○ White ● Black

complementary products and wide variety of solutions

Accessories category offers quick and practical solutions at home and office with 3 m to 5 m length and single safe intermediate / extension options depending on the area of application. Various plug alternatives included in the product range offer options that make life easier for users. In addition to flush mount and plug and go products for one-stop 3-gang socket solution, flush mount boxes and junction boxes with Halogen free option on hallow-wall and concrete wall systems meet requirements in full.

Accessories

Iron Plug
90301900

Color ○

Earthed Iron Plug
90302000

Color ○

Socket
90302500

Color ○

Earthed Socket
90301800

Color ○

Earthed Plug
90304100

Color ○

Earthed Plug Black
90304110

Color ●

Monoblock Earthed Plug
90304200

Color ○

Monoblock Earthed Plug-French Standard
90304240

Color ○

Plug
90305400

Color ○

Plug Black
90305410

Color ●

Bakalite Switch
90302700

Color ○

Switched Plug
90301805

Color ○

Plug with Handle
90301807(L Type)

Color ○

Socket with Handle (German type)
90301809

Color ○

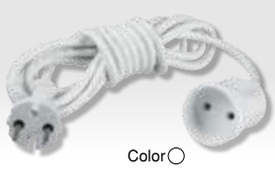
Socket with Handle (French type)
90301811

Color ○

Plug with Handle
90301817 (I Type)

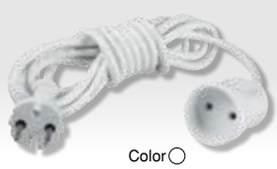
Color ○

Extension Cable
90302100 (3 m)



Color ○

Extension Cable
90302200 (5 m)



Color ○

Earthed Extension Cable
90302300 (3 m)

Color ○

Earthed Extension Cable
90302400 (5 m)

Color ○

Surface Mount and Flush Mount Socket Series

2xEarthed + 2xUSB Plug/Socket (1A)
90301814

Color ○

2xEarthed + 2xUSB Plug/Socket (2A)
90301815

Color ○

Switched Plug/Socket
90301802

Color ○

Switched Double Plug/Socket
90301803

Color ○

Yonca Three-Gang Earthed Socket-Plug
90303000

Color ○

Yonca Black Three-Gang Earthed Socket-Plug
90303300

Color ●

Yonca Flush Mount Three-Gang Earthed Socket
90304000

Color ○

Switch Boxes

Wall Box - Deep and Extendable
90926001

Wall Box - Extension Piece
90926005

Wall Box
90926003

Wall Box - Deep and Extendable Halogen Free
90926301

Wall Box - Extension Piece Halogen Free
90926305

Wall Box Halogen Free
90926303

Plasterboard Boxes

Hollow Wall Box 1-Gang
90926006

Hollow Wall Box 2-Gang
90926007

Hollow Wall Box 3-Gang
90926008

Hollow Wall Box 4-Gang
90926009

Hollow Wall Box 5-Gang
90926010

Hollow Wall Box 6-Gang
90926011

Accessories

Plasterboard Boxes

Hollow Wall Box 1-Gang
Halogen Free
90926101

Hollow Wall Box 2-Gang
Halogen Free
90926102

Hollow Wall Box 3-Gang
Halogen Free
90926103

Hollow Wall Box 4-Gang
Halogen Free
90926104

Hollow Wall Box 5-Gang
Halogen Free
90926105

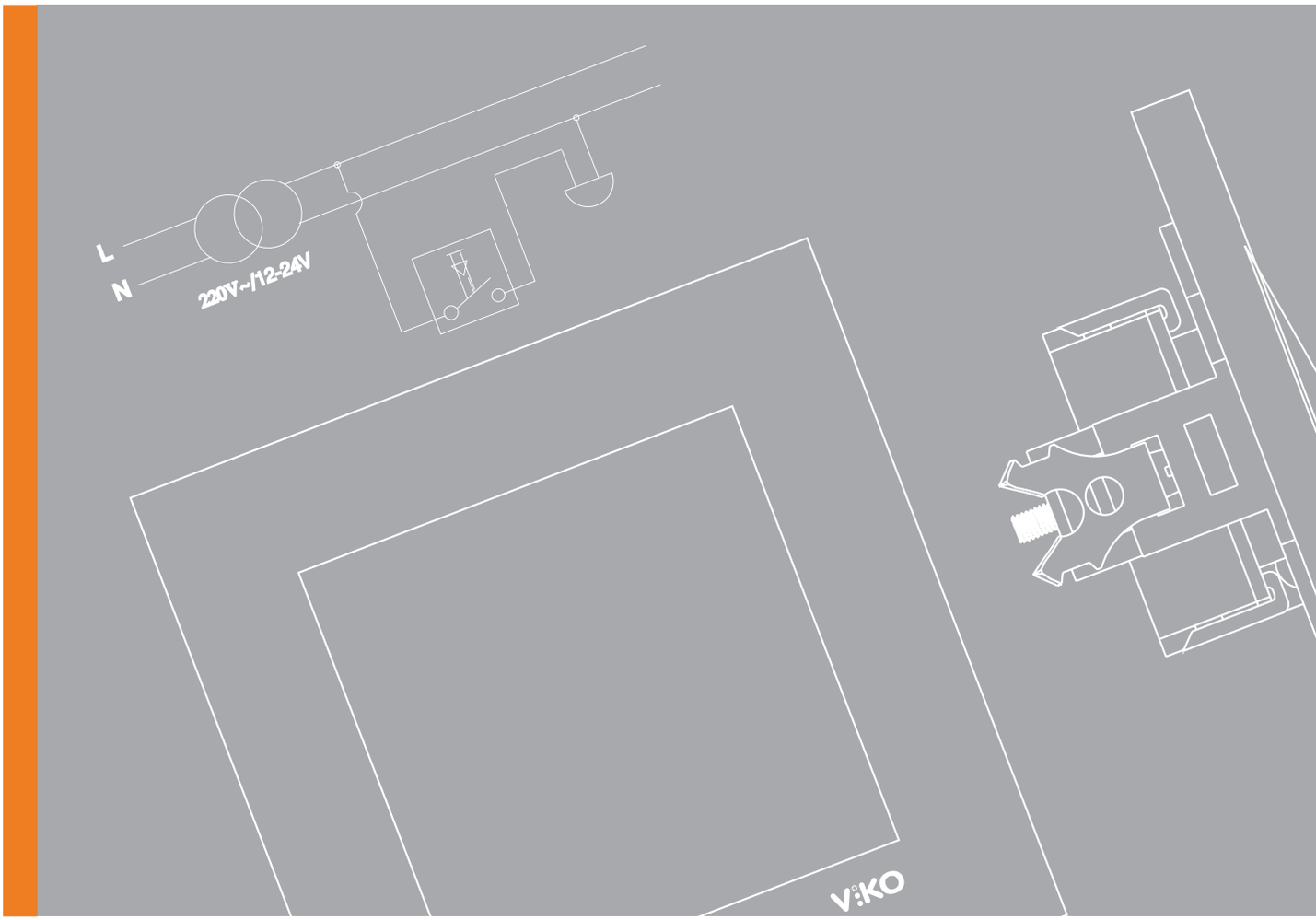
Hollow Wall Box 6-Gang
Halogen Free
90926106

Junction Boxes and Lids

Junction Box - IP54
90937001

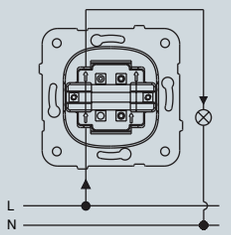
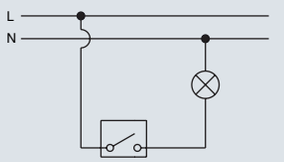
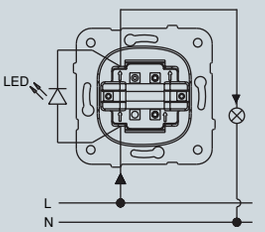
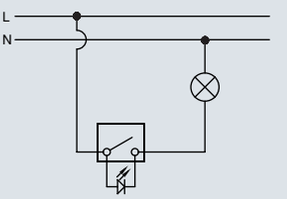
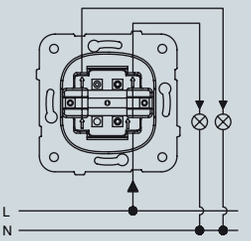
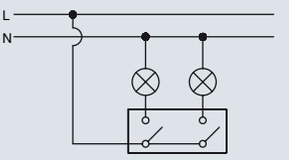
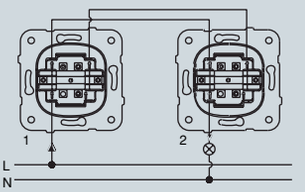
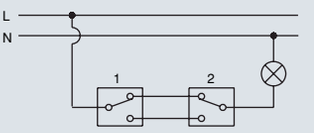
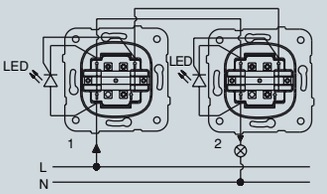
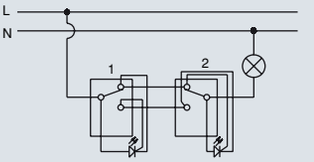
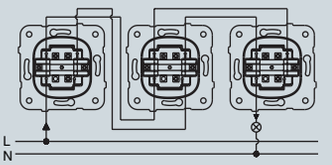
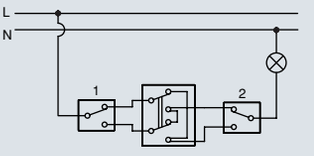
Junction Box Cover
(Plastic Leg)
90937003

technical specifications

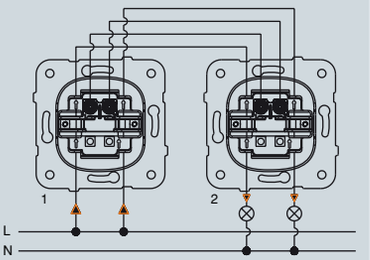
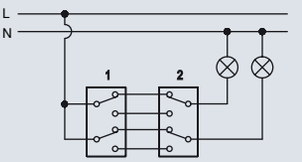
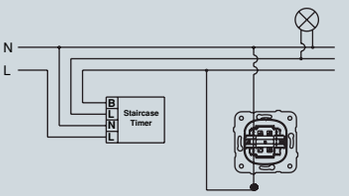
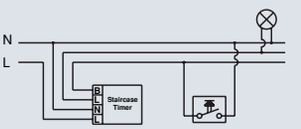
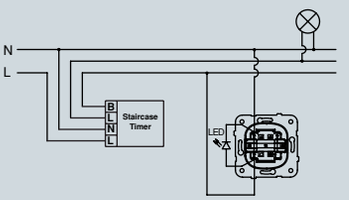
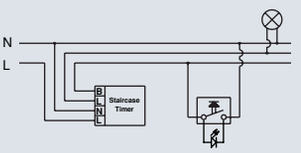
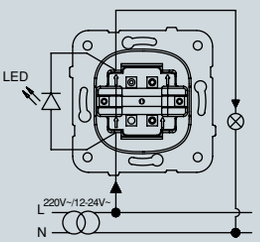
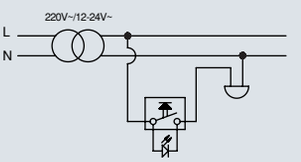
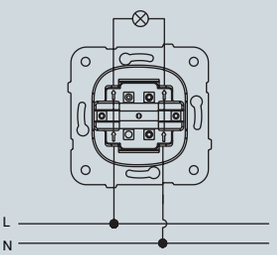
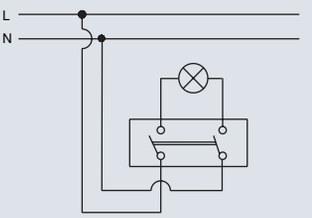
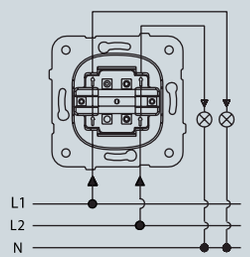
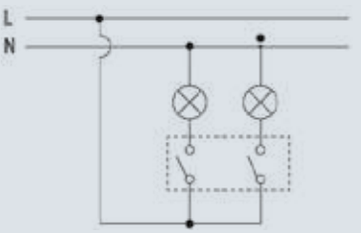


Technical Specifications

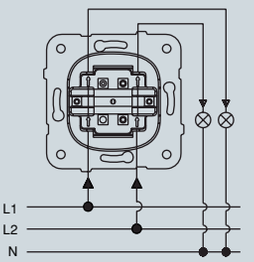
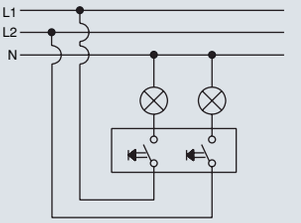
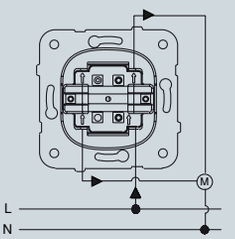
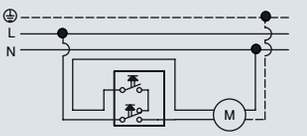
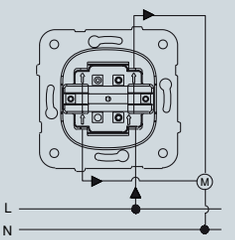
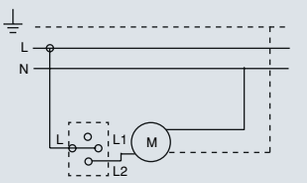
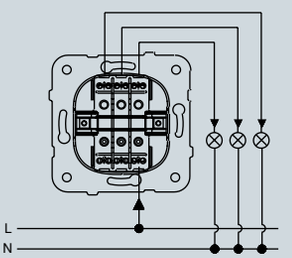
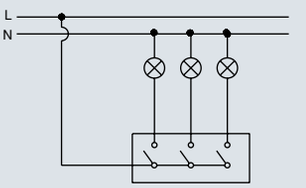
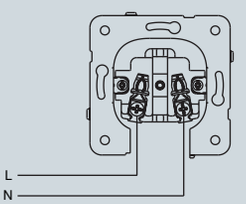
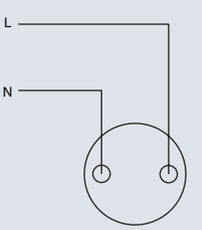
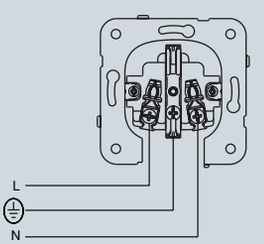
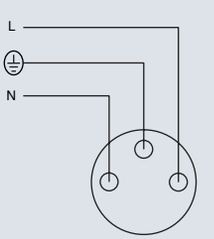
Switches

	Technical Specifications	Wiring Diagram	Circuit Diagram
One-Way Switch	• Controls a lamp or lamp group from a point. • 10AX, 250V~ • One-way • Screw or screwless (quick connection) connection		
One-Way Switch, Illuminated	• Controls a lamp or lamp group from a point. • 10AX, 250V~ • One-way • Illuminated indicator • Quick connection (screwless)		
Two-Gang One-Way Switch	• Controls two different lamps or lamp groups from the same point. • 10AX, 250V~ • One-way, 2-button • Screw or screwless (quick connection) connection options		
Two-Way Switch	• Controls a lamp or lamp group from two different points. • 10AX, 250V~ • Two-way • Screw or screwless (quick connection) connection		
Two-Way Switch, Illuminated	• Controls a lamp or lamp group from two different points. • 10AX, 250V~ • Single pole • Two-way • Illuminated indicator • Quick connection (screwless)		
Intermediate Switch	• Controls a lamp or lamp group from more than two points. • 10AX, 250V~ • Two-way • Screw or screwless (quick connection) connection		

Switches

	Technical Specifications	Wiring Diagram	Circuit Diagram
Two-Gang Two-Way Switch	• Controls two lamps or lamp groups from two different points. • 10AX, 250V~ • Two-way, two-gang • Screw or screwless (quick connection) connection		
One-Way Push Button	• Provides control signals for external triggering circuits such as staircase timer, motion sensor or automation systems. • 10AX, 250V~ • One-way • Push button, instant trigger • Screw or screwless (quick connection) connection		
One-Way Push Button, Illuminated	• Provides control signals for external triggering circuits such as staircase timer, motion sensor or automation systems. • 10AX, 250V~ • One-way • Push button, instant trigger • Illuminated indicator • Quick connection (screwless)		
Push Button with Label, Illuminated	• Controls doorbell. • 10AX, 250V~ • One-way • Push button, instant trigger • Illuminated indicator • Quick connection (screwless)		
Two-Pole Switch	• Two poles enable simultaneous disconnection of switches, phase and neutral. • 16AX, 250V~ • Double pole, one-way • Screw or screwless (quick connection) connection		
Double One-way Switch	• Controls two different lamps or lamp groups independent from each other. • Allows connection of different phases with two independent phase inlets. • 10AX, 250V~ • One-way, 2-button • Screw or screwless (quick connection) connection		

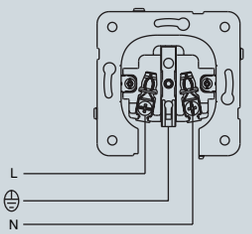
Technical Specifications

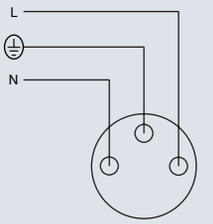
		Technical Specifications	Wiring Diagram	Circuit Diagram
Switches	**Double One-way Push Button**	• Provides two different control signals for external triggering circuits such as motion sensor or automation systems. • Allows connection of different phases with two independent phase inlets. • 10AX, 250V~ • Two-way, 2-button, two-inlet. • Push button, instant trigger • Screw or screwless (quick connection) connection		
	Shutter Control Switch	• Controls upward and downward motion of blind motors by changing the direction of rotation of blind motors with two buttons. • Prevents electrical energisation of two ends of motor at the same time. • Mechanical locking option preventing pressing the buttons at the same time. • 10AX, 250V~ • Two-way, Two-Gang • Push button, instant trigger • Screw or screwless (quick connection) connection		
	Single Button Blind Control Switch	• Controls upward and downward motion of blind motors by changing the direction of rotation of blind motors with a single button. • 10AX, 250V~ • Two-way, three-position • Screwless (quick connection) connection		
	Three-Gang Switch	• Controls three lamps or lamp groups from the same point. • 10AX, 250V~ • One-way, Three-Gang • Screw connection		
Sockets	**Socket 2P**	• 16A, 250V~ • 2P • Quick connection option • Child protection option		
	Socket 2P+E	• 16A, 250V~ • 2P+E • Quick connection option • Child protection, label and lid option		

Sockets

Earthed Socket 2P+E (French Standard)

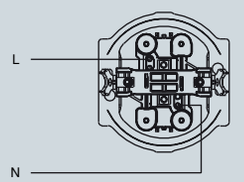
- 16A, 250V~
- 2P+E (French Standard)
- Child protection
- Quick connection option
- Label and lid option

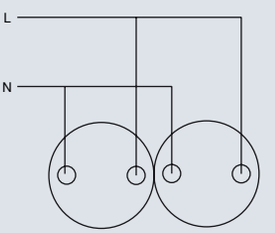




Double Socket 2P

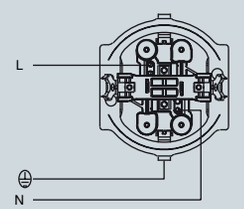
- 16A, 250V~
- 2P
- Child protection option

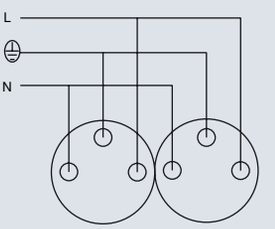




Double Socket 2P+E

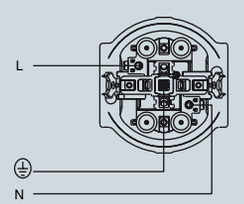
- 16A, 250V~
- 2P+E
- Child protection option

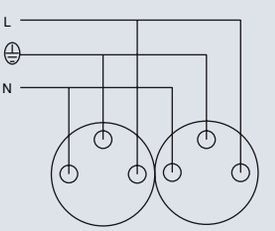




Double Socket 2P+E (French Standard)

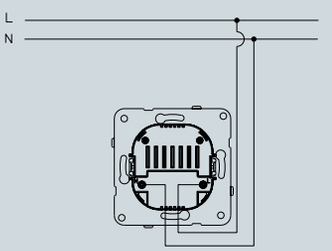
- 16A, 250V~
- 2P+E (French Standard)
- Child protection





USB Charger Socket

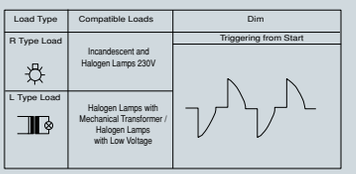
Input Voltage	230 V AC ± 10% 50 Hz
Outputs	2 x USB Type A
Output Voltage	5 V DC ± 5%
Total Output Current	2.0 A
Operating Temperature	+10°C ... +40°C



Dimmers

Rotary Dimmer RL 600W

- RL Dimmer.
- Maximum Output: 600W (R Type Load), 500VA (L Type Load)
- Minimum Output: 60W (R Type Load), 100VA (L Type Load)



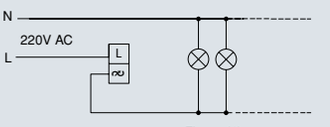
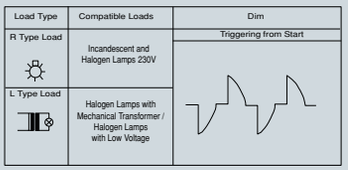
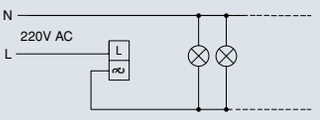
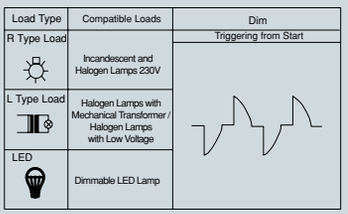
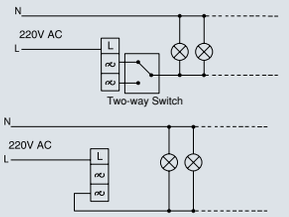
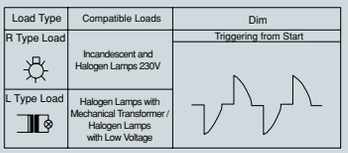
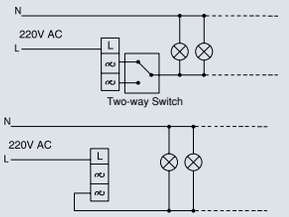
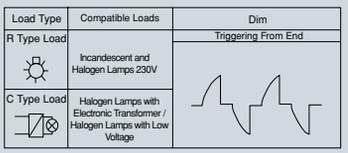
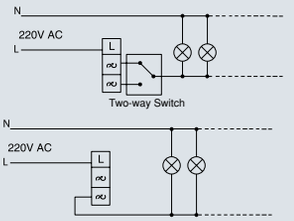
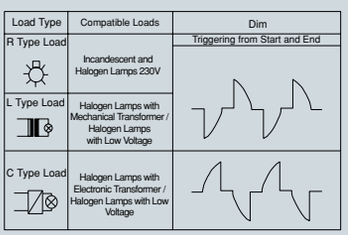
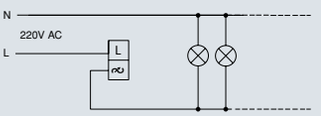
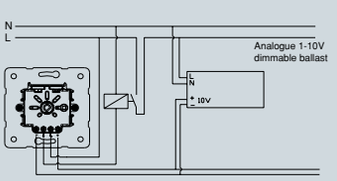
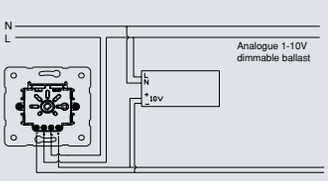


Figure (1)

Technical Specifications

Dimmers

	Technical Specifications	Function Table	Circuit Diagram
Rotary Dimmer RL 1000W	• RL Dimmer • Maximum Output: 1000W (R Type Load), 800VA (L Type Load) • Minimum Output: 60W (R Type Load), 100VA (L Type Load)		 Figure (1)
Pro Dimmer RL 6-100W	• RL Dimmer • Maximum Output: 100W (R Type Load), 100VA (L Type Load) • Minimum Output: 6W • Feature to use as two-way switch • Feature to switch on/off at the set level of dimming		
Pro Dimmer RL 20-500W	• RL Dimmer • Maximum Output: 500W (R Type Load), 500VA (L Type Load) • Minimum Output: 20W • Feature to use as two-way switch • Feature to switch on/off at the set level of dimming		
Pro Dimmer RC 40-400W/VA	• RC Dimmer • Maximum Output: 400W (R Type Load), 400VA (C Type Load) • Minimum Output: 40W • Feature to use as two-way switch • Feature to switch on/off at the set level of dimming		
Pro Dimmer RLC 20-350W/VA	• RLC Dimmer • Maximum Output: 350W (R Type Load), 350VA (L Type Load), 350VA (C Type Load) • Minimum Output: 20W • Feature to use as two-way switch • Feature to switch on/off at the set level of dimming		
1-10V Dimmer	• 1-10V • Dimmable ballast • Feature to switch on/off at the set level of dimming	 Figure (1)	 Figure (2)

TV Socket

	Technical Specifications	Tables	Circuit Diagram

TV Socket

- Shielded. Shielded, does not get affected by airborne radio signals.
- Screw type mounting.

TV Socket, Through-pass

- Used for broadcast distribution to multiple TV receivers where broadcast is received from UHF/VHF bands to the center via an antenna system and then distributed via inter-socket or inter-floor - in multi-storey buildings - transition.

TV Socket, Terminated

- Used in star-connected systems for Internet, cable TV or central satellite broadcasts. May also be used at the end of the shared antenna systems.

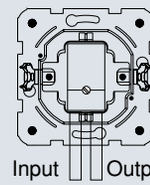
TV Socket, Lossless

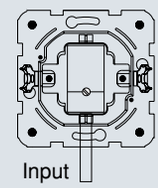
- Used with independent Internet, cable TV or satellite broadcasting systems, and independent antennas.
- The sockets to be mounted after the amplifier must be 12 dB and 8 dB throughpass, terminated and lossless options to be compatible with 60-85 dBuV TV signal levels.

TV Socket (Terminated)				
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz
IN-OUT (dB)	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5

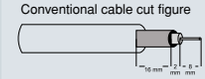
TV Socket (Through-pass)				
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz
IN-OUT (dB)	≤ 1,6	≤ 1,7	≤ 1,8	≤ 2,0
IN-TAP (dB)	≤ 15	≤ 15	≤ 15	≤ 15,5

TV Socket (Lossless)				
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz
IN-TAP (dB)	≤ 3.5 dB	≤ 3.5 dB	≤ 3.5 dB	≤ 3.5 dB
IN-OUT (dB)	≤ 3.5 dB	≤ 5 dB	≤ 5 dB	≤ 5 dB





Conventional cable cut figure



TV and Satellite Socket (TV - SAT)

Satellite-TV-Radio Socket (SAT-TV-RAD)

- Shielded. Shielded, does not get affected by airborne radio signals.
- Used for receiving broadcast from the Internet, interactive applications, cable TV, and UHF/VHF bands.

Through-pass

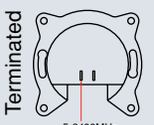
- Used for broadcast distribution to multiple TV receivers where broadcast is received from UHF/VHF bands to the center via an antenna system and then distributed via inter-socket or inter-floor -in multi-storey buildings- transition.

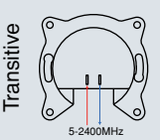
Terminated

- Used in star-connected systems for Internet, cable TV or central satellite broadcasts. May also be used at the end of the shared antenna systems.
- The sockets to be mounted after the amplifier must be (8dB and 11dB) transitive and terminated options to be compatible with 60-85 dBuV TV signal levels. (TV-SAT=8,11dB, SAT-TV-RAD=13dB)
- Used for receiving broadcasting from Internet, interactive applications, cable TV and UHF / VHF bands and satellite broadcasting.

TV - SAT (Terminated)									
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz	1,2 GHz	1,6 GHz	2,0 GHz	2,25 GHz	2,4 GHz
SAT IN-OUT (dB)	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5
TV IN-OUT (dB)	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5					

TV - SAT (Through-pass)									
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz	1,2 GHz	1,6 GHz	2,0 GHz	2,25 GHz	2,4 GHz
SAT IN-OUT (dB)	≤ 11,5	≤ 11,5	≤ 11,5	≤ 12	≤ 12,5	≤ 14	≤ 14	≤ 14	≤ 14,5
SAT IN-TAP (dB)	≤ 2,5	≤ 2,5	≤ 2,5	≤ 2,5	≤ 3	≤ 3,8	≤ 4,5	≤ 5	≤ 5,5
TV IN-OUT (dB)	≤ 1,6	≤ 1,7	≤ 1,8	≤ 2,0					
TV IN-TAP (dB)	≤ 15	≤ 15	≤ 15	≤ 15,5					

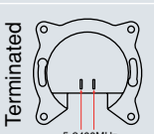




Two-Gang Satellite Socket (SAT-SAT-TV)

- Shielded. Shielded, does not get affected by airborne radio signals.
- Used for receiving broadcast from the Internet, interactive applications, cable TV, and UHF/VHF bands.

TV-SAT-SAT (Terminated)									
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz	1,2 GHz	1,6 GHz	2,0 GHz	2,25 GHz	2,4 GHz
IN-OUT (dB)	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5



Satellite Socket (SAT) F Connector

- Used for receiving broadcast from the cable TV and UHF/VHF bands, and satellite.

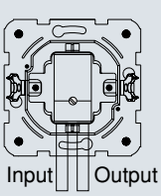
Through-pass

- Used for broadcast distribution to multiple TV receivers where broadcast is received from UHF/VHF bands to the center via an antenna system and then distributed via inter-socket or inter-floor -in multi-storey buildings- transition.

Terminated

- Used in star-connected systems for Internet, cable TV or central satellite broadcasts. May also be used at the end of the shared antenna systems.
- The sockets to be mounted after the amplifier must be (10dB transitive and terminated options to be compatible with 60-85 dBuV TV signal levels.

SAT (Terminated)									
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz	1,2 GHz	1,6 GHz	2,0 GHz	2,25 GHz	2,4 GHz
SAT IN-OUT (dB)	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5

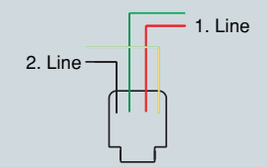


Technical Specifications

Datas

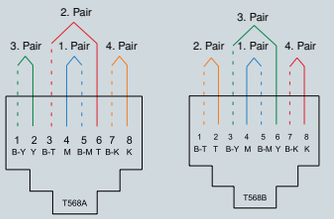
Numeric Telephone Socket (RJ11)

- Connector structure complying with RJ11standard has four contacts.
- Two telephone lines can be connected.
- Green and red wires are used for the 1st line, yellow and black wires for the 2nd line.



Data Socket (RJ45) (Cat5e)

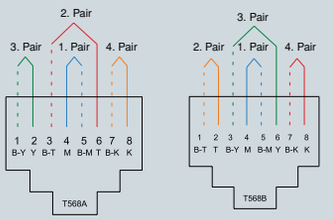
- In compliance with EIA/TIA 568 standards; RJ45
- Supports EIA/TIA 568 A and B standards.
- Pins must be marked in accordance with 568 A and 568 B.



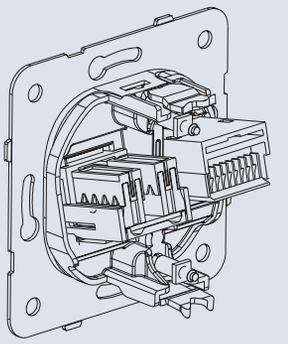
TIA-568 Connection Options

Data Socket (RJ45) (Cat6)

- In compliance with EIA/TIA 568 standards; RJ45
- Supports EIA/TIA 568 A and B standards.
- Pins must be marked in accordance with 568 A and 568 B.



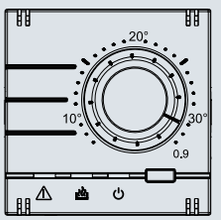
TIA-568 Connection Options

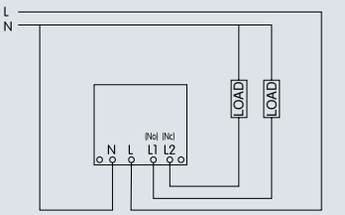


Electronic Products

Analogue Thermostat (Heating)

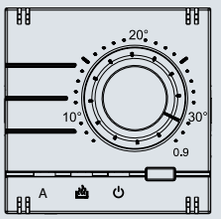
Maximum output current • Changeover/Normal open contact • Changeover/Normal close contact	 NO: 10(2)A 230V AC NC: 5(1) 230V AC
Operating voltage	230V AC ±10%, 50Hz
Temperature control range	10°C - 30°C, ±1°C
Minimum switching time	5 min
Operating temperature	0°C - 30°C
Protection	IP20
Standard	EN 60730-1 EN 60730-2-9

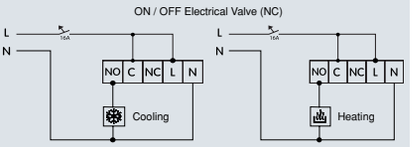




Analogue Thermostat (Heating/Cooling)

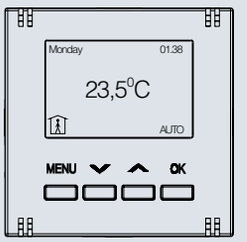
Maximum output current • Changeover/Normal open contact • Changeover/Normal close contact	 NO: 6(2)A 230V AC NC: 4(1)A 230V AC
Operating voltage	230V AC ±10%, 50Hz
Temperature control range	10°C - 30°C, ±1°C
Minimum switching time	1 min
Operating temperature	0°C---+50°C
Protection	IP20
Standard	EN 60730-1 EN 60730-2-9

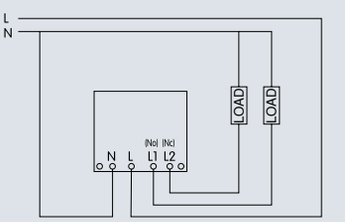




Programmable Digital Thermostat (Heating)

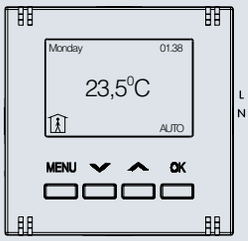
Maximum output current • Changeover/Normal open contact • Changeover/Normal close contact	 NO: 10(2)A 230V AC NC: 5(1)A 230V AC
Operating voltage	230V AC ±10%, 50Hz
Power reserve	25°C 6 hours
Temperature control range	5°C - 30°C, ±1°C
Memory	4 different program setting per a day
Minimum switching time	5 min
Operating temperature	0°C - 30°C
Protection	IP20
Standard	EN 60730-1 EN 60730-2-9

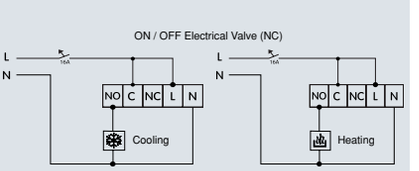




Programmable Digital Thermostat (Heating/Cooling)

Maximum output current • Changeover/Normal open contact • Changeover/Normal close contact	 NO: 6(2)A 230V AC NC: 4(1)A 230V AC
Operating voltage	230V AC ±10%, 50Hz
Power reserve	25°C one day
Temperature control range	5°C...30°C +/-1°C
Memory	4 different program setting per a day
Minimum switching time	1 min
Operating temperature	0°C...+30°C
Protection	IP20

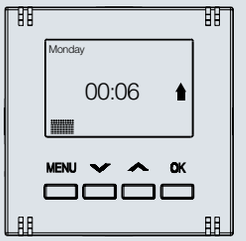


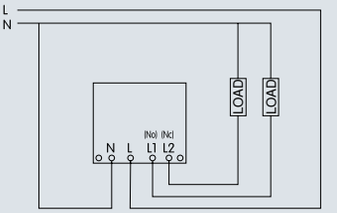


Technical Specifications

Programmable Shutter Control

Maximum output current	NC: 5(2)A 230V AC
Operating voltage	230V AC ±10%, 50Hz
Power reserve	25°C 6 hours
Memory	4 different program setting per a day
Operating temperature	0°C - 30°C
Protection	IP20
Standard	EN 60669-2-1



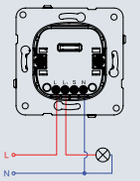


Motion Detector

With Neutral (3 Wire)

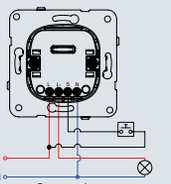
Detection angle	180°C Horizontal
Detection distance	8 m max
Time adjustment	10 sec-20 min
Supply voltage	220V AC-240V AC 50Hz
Operating temperature	0°C - 35°C
Installation height	1 m-2 m
Load types	Lamps with glow flament: 2300W
	For halogen lamps using mechanical transformer: 1500VA
	For halogen lamps using electronic transformer: 1500VA
	For dimmable CFL lamps: 1500VA
Daylight adjustment	5 - 250 Lux
Inrush Current	Maximum 20ms (for lamps with glow flament) 80A

Figure 1



Connection for Normal Operation

Figure 2



Connection for Operation with Push Button

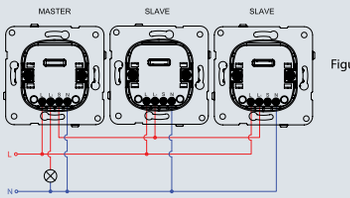
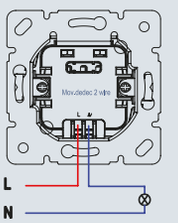


Figure 3

Connection for Master / Slave Operation

Without Neutral (2 Wire)

Detection angle	180°C Horizontal
Detection distance	8 m max
Time adjustment	10 sec-10 min
Supply voltage	220V AC-240V AC 50Hz
Operating temperature	0°C - 35°C
Installation height	1 m-2 m
Load types	50W/VA-300W/VA
	Not used with LED, Fluorescent and CFL Lamps
Daylight adjustment	5 - 250 Lux



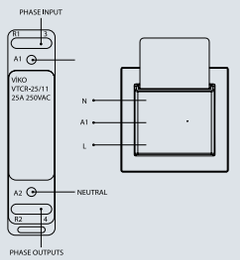
Technical Specifications

Technical Specifications

Energy Saver

Delayed Switch Energy Saver 230V AC~

Operating voltage	230V AC±10%, 50Hz
Operating temperature	0˚C…45˚C
Maximum switching current	0,15A
Connection wire	Minimum 0,50mm² diameter
Opening time	Max. 1 sec.
Closing delay	25…30 sec.
Standard compliance	EN 60669-2-1

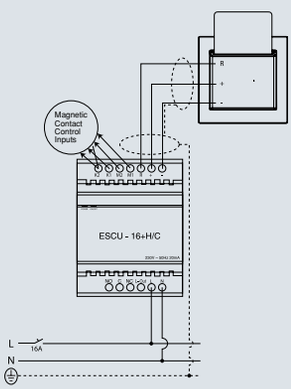


Mechanical Switch Energy Saver 5V DC-

Operating voltage	5V DC-
Operating temperature	0˚C…45˚C
Maximum switching current	0,03A…0,2A
Connection wire	Minimum 0,50mm² diameter
Card sensing method	Mechanical

13,56 MHz RFID Energy Saver Multi Protocol (MP) and Single Protocol (SP)

Operating voltage	5V DC-
Operating temperature	0˚C…45˚C
Maximum switching current	0,03A…0,2A
Connection wire	Minimum 0,50mm² diameter
Card sensing method	RFID
RFID 13,56 MHz MP	ISO/IEC 13332 A/B, ISO 15693, ISO 18000-3, Tah-it ™
RFID 13,56 MHz SP	ISO/IEC 14443A



ESCU Relay

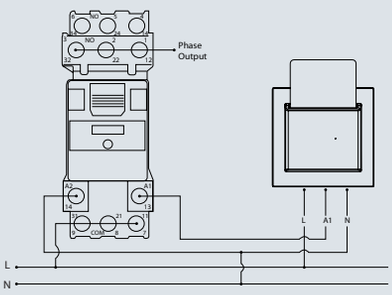
Operating voltage	230V AC~ 50Hz
Operating temperature	0˚C - 45˚C
Maximum switching current	16A
By-Pass Option	Yes
Magnetic Contact Connection	Yes
Standard compliance	EN 60669-2-1

Standard Energy Saver - Delayed

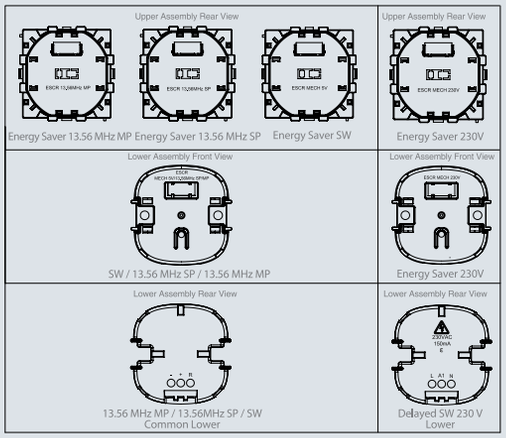
Operating voltage	230V AC~ 50Hz
Operating temperature	0˚C -45˚C
Maximum switching current	0,5A
Connection wire	Minimum 0,50mm² diameter
Opening time	Maksimum 1 sec.
Closing delay	25…30 sec.
Standard compliance	EN 60669-2-1

Standard Energy Saver - Relay

Operating voltage	230V AC~ 50Hz
Operating temperature	-40˚C - 70˚C
Maximum switching current	10A
Coil Resistance	19.465 kOhms



CARD READER TYPES

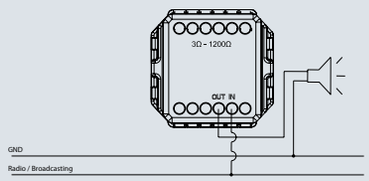


⚠ WARNING 230V lower assembly and 5V upper assembly should never be used together.

Technical Specifications

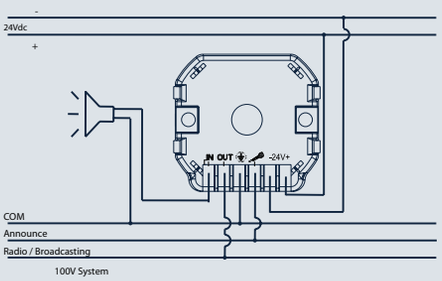
Volume Control Switch

- 12 level volume control
- 3-1200Ω adjustable empedance range
- Appropriate for 8Ω audio systems
- Appropriate of all types of wall mount boxes



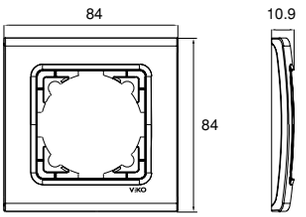
Volume Control Switch with Transformer

- 11-grade sound adjustment
- 2VA transformer
- Suitable for systems with line transformer
- 4x100W speakers with line transformer
- Suitable for deep cases
- Built-in relay unit for 100V sound systems and emergency announcements.

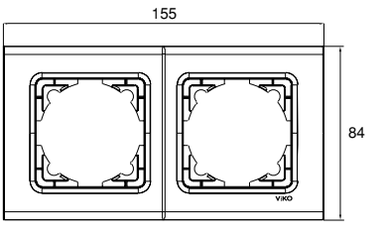


Technical Specifications

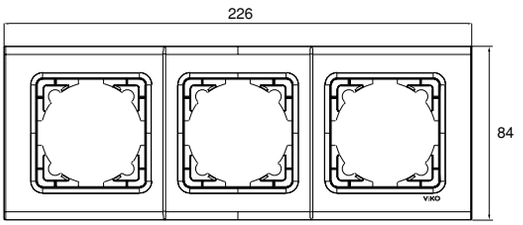
Linnera Frames



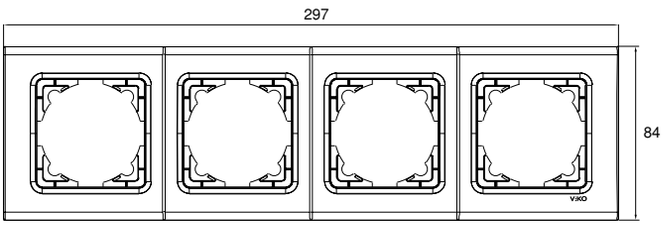
One-Gang Frame



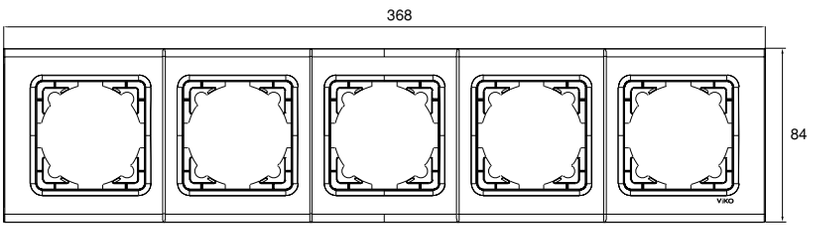
2-Gang Frame



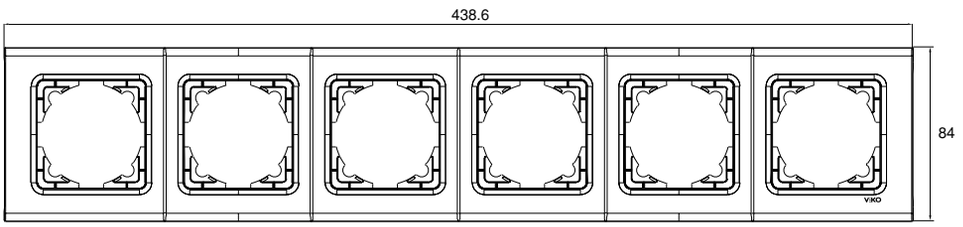
3-Gang Frame



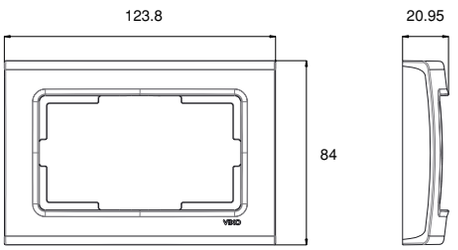
4-Gang Frame



5-Gang Frame



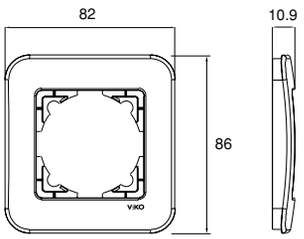
6-Gang Frame



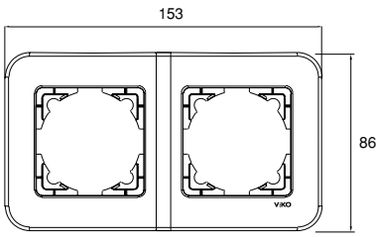
Flush Mounted Frame

* All dimensions are given in mm.

Rollina Frames



One-Gang Frame



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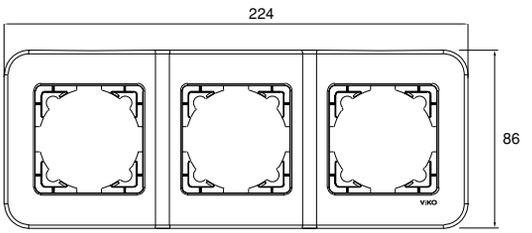

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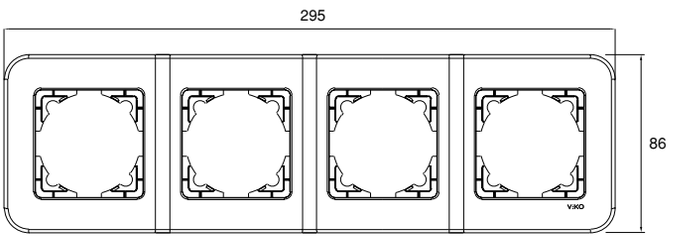

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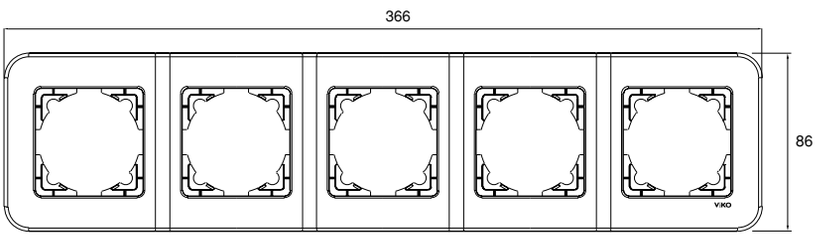

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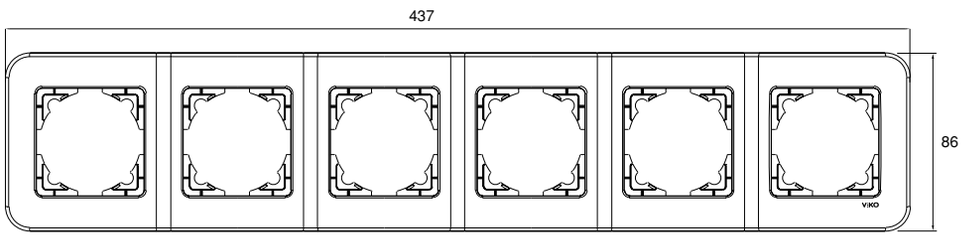
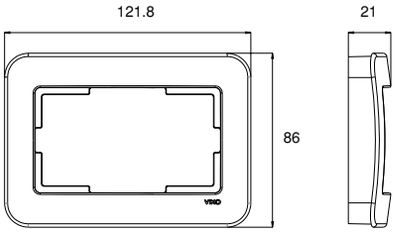


6-Gang Frame

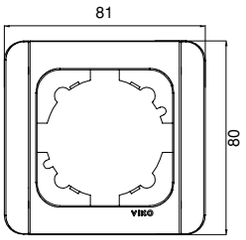


Flush Mounted Frame

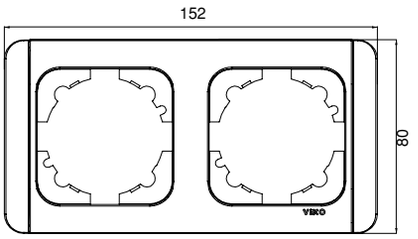
* All dimensions are given in mm.

Technical Specifications

Kardelen Frames



One-Gang Frame



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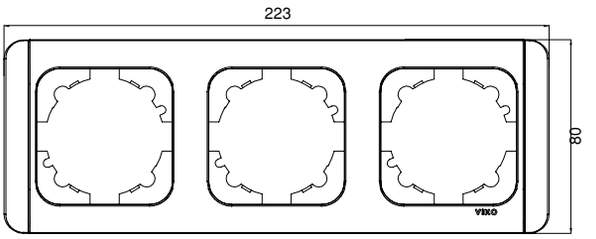
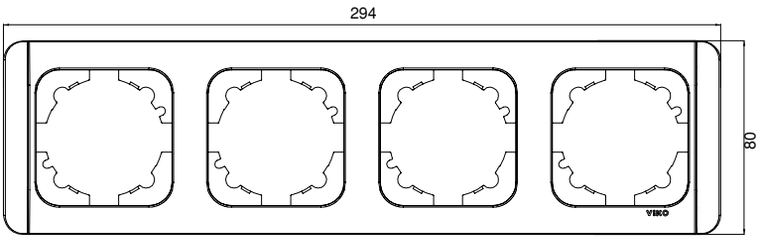


3-Gang Frame



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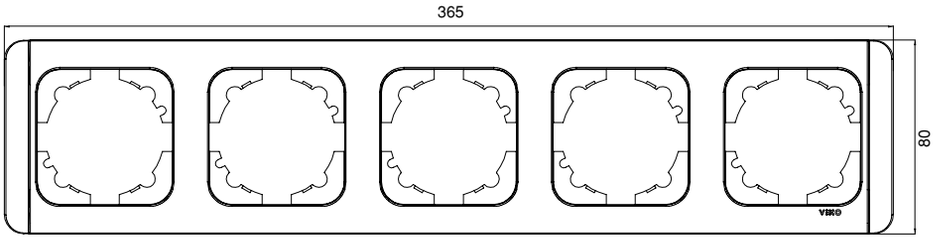

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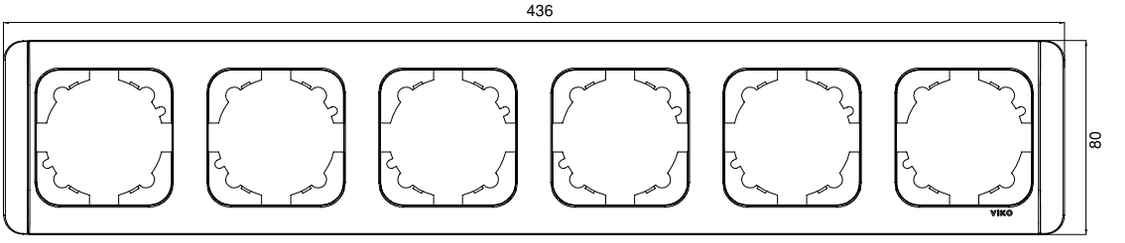
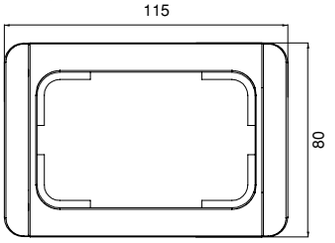


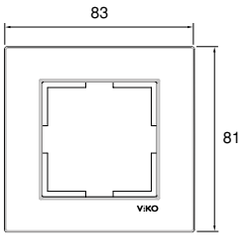
6-Gang Frame



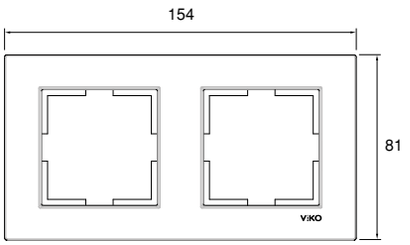
Flush Mounted Frame

* All dimensions are given in mm.

Karre Frames



One-Gang Frame



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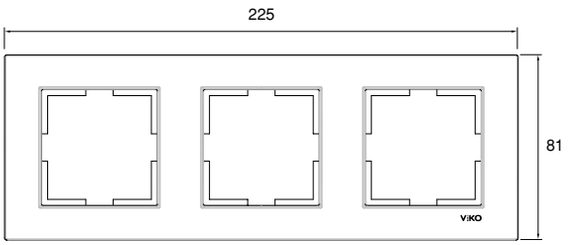

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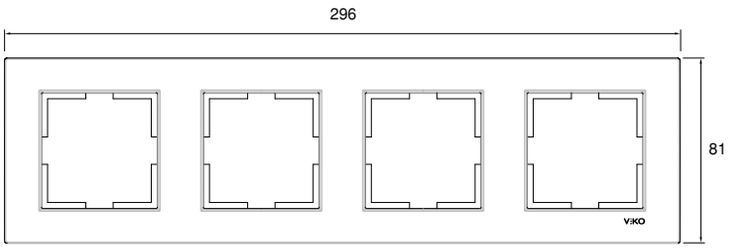

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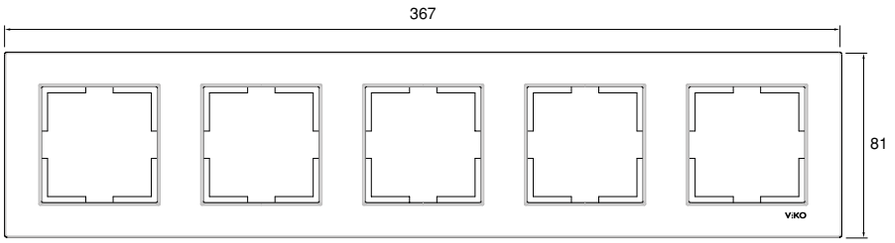

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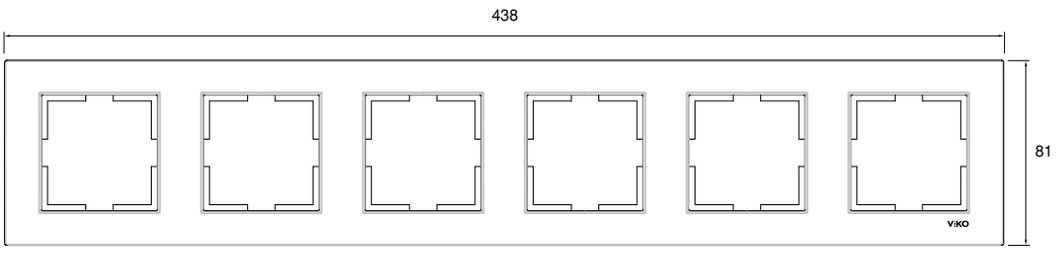

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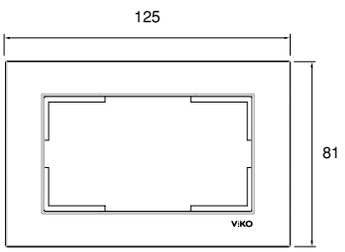
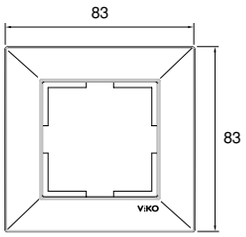


Flush Mounted Frame

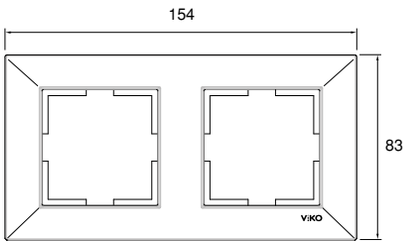
* All dimensions are given in mm.

Technical Specifications

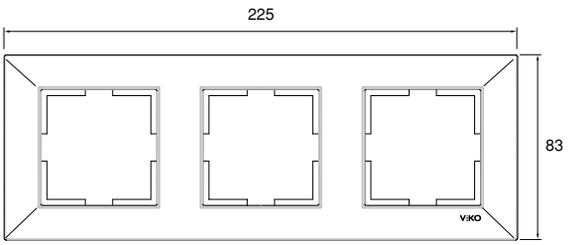
Meridian Frames



One-Gang Frame



2-Gang Frame



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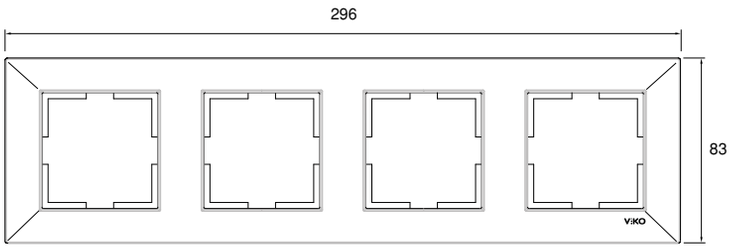
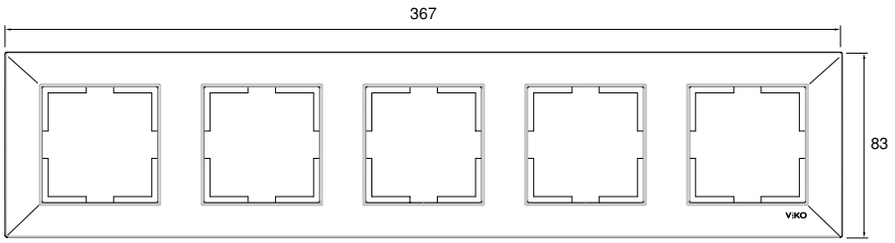


4-Gang Frame



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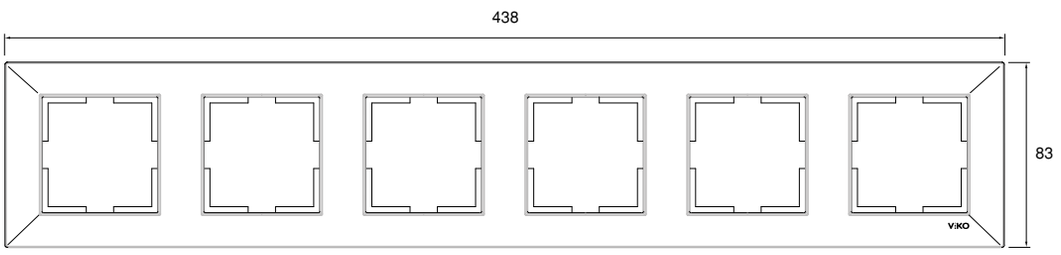
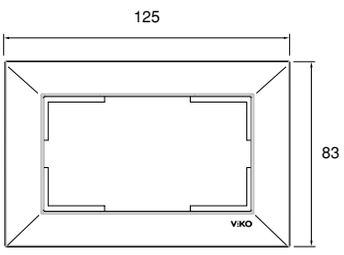


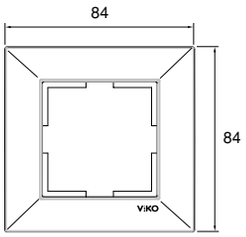
6-Gang Frame



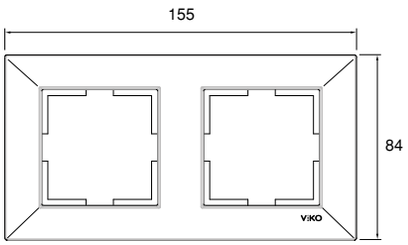
Flush Mounted Frame

* All dimensions are given in mm.

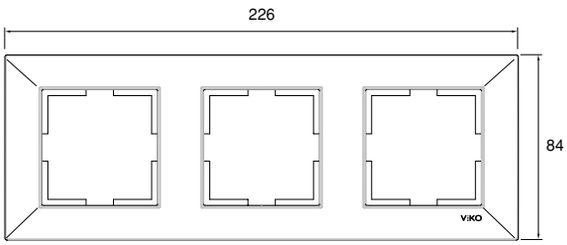
Meridia Slim Frames



One-Gang Frame



2-Gang Frame



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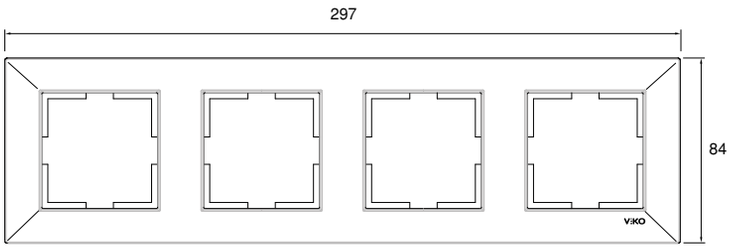
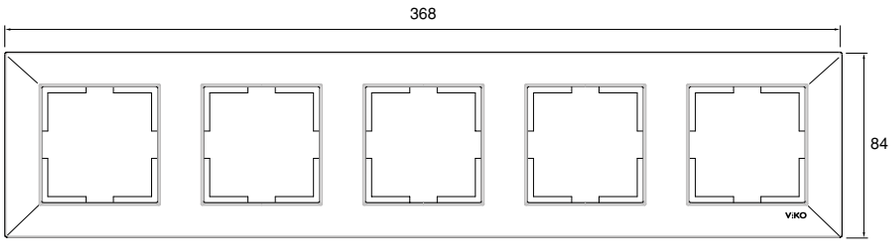
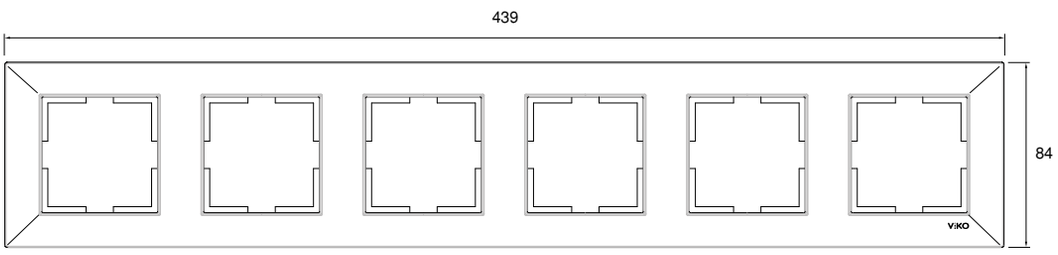


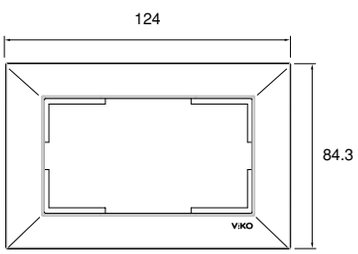
4-Gang Frame



5-Gang Frame



6-Gang Frame

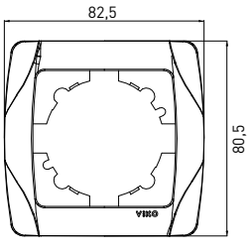


Flush Mounted Frame

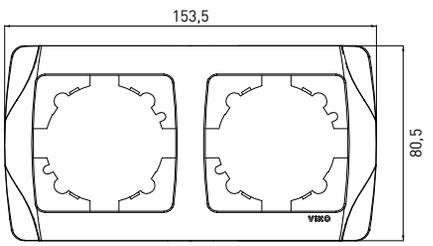
* All dimensions are given in mm.

Technical Specifications

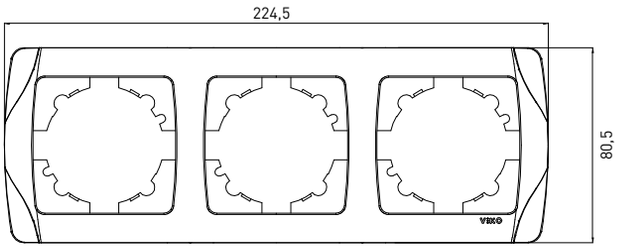
Carmen Frames



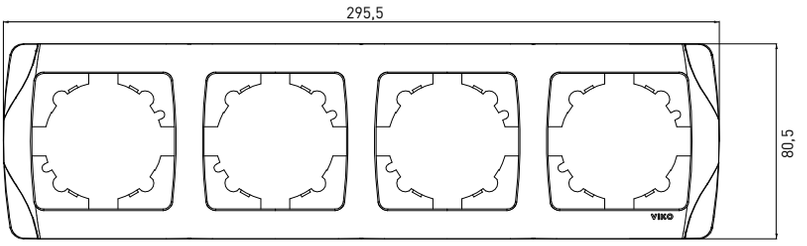
One-Gang Frame



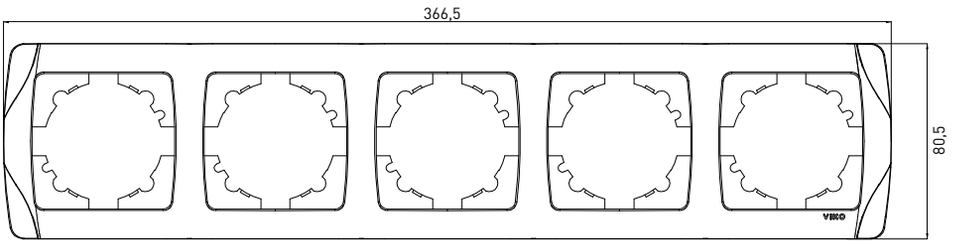
2-Gang Frame



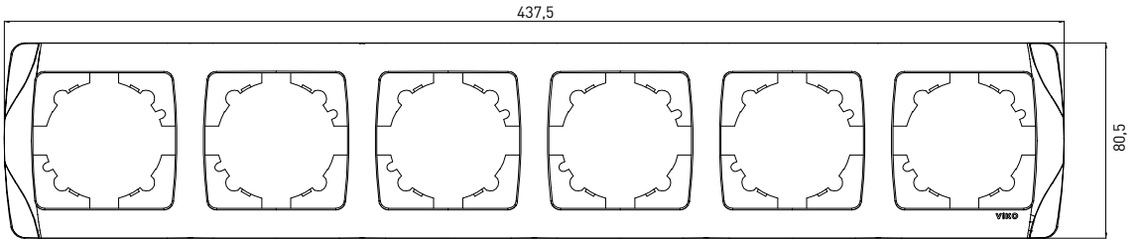
3-Gang Frame



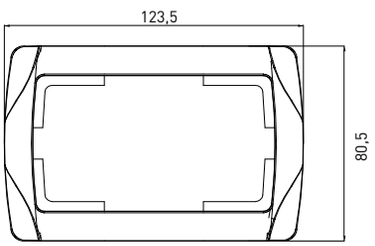
4-Gang Frame



5-Gang Frame



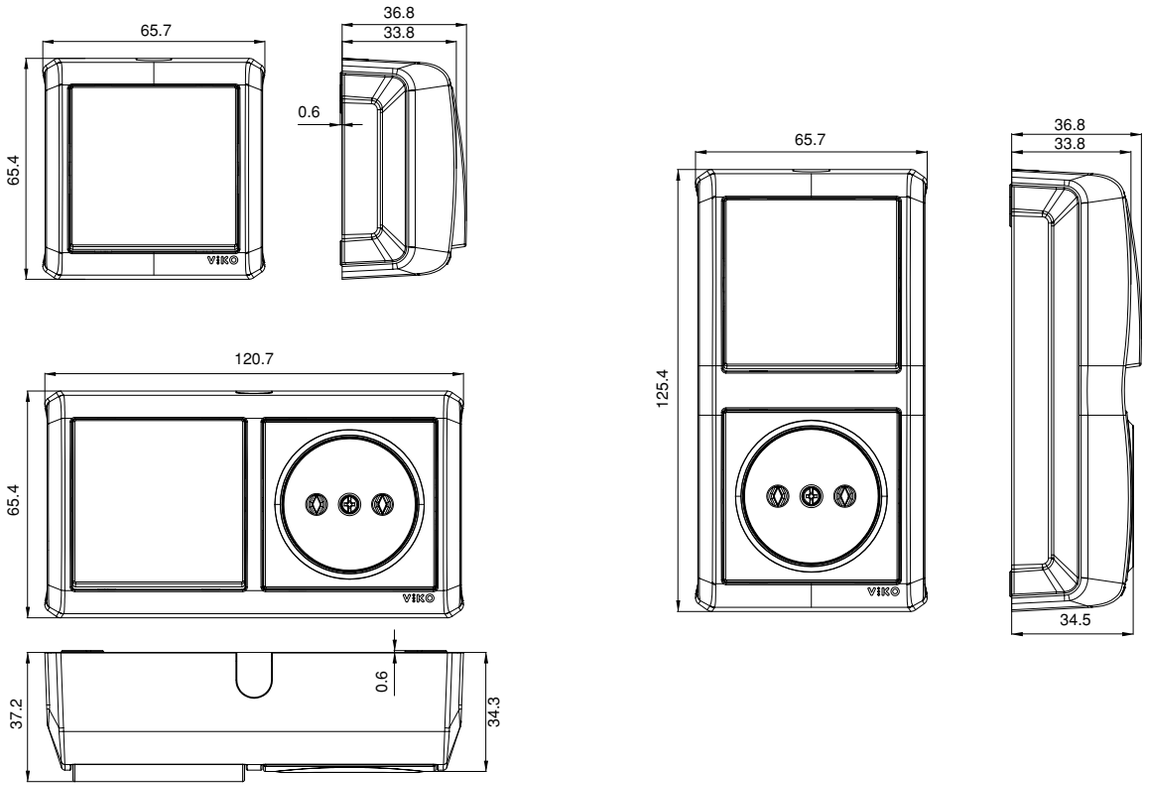
6-Gang Frame



Flush Mounted Frame

* All dimensions are given in mm.

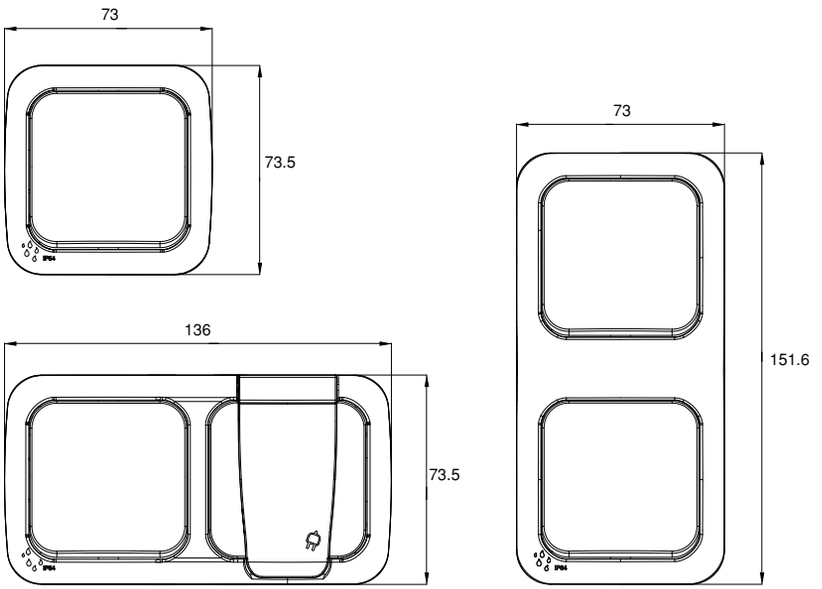
Vera Dimensions



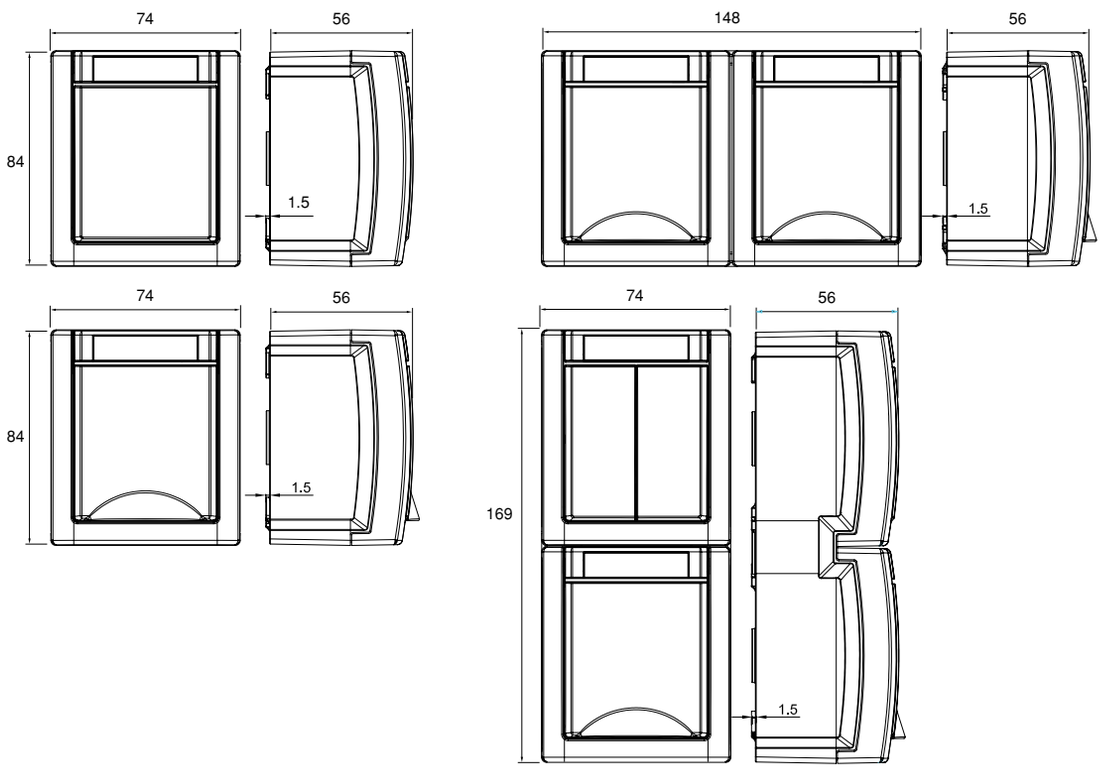
* All dimensions are given in mm.

Technical Specifications

Palmiye Dimensions



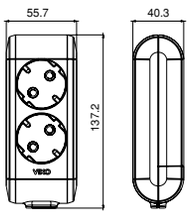
Pacific Dimensions

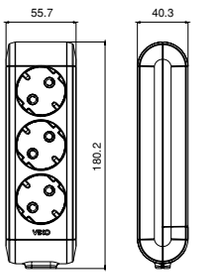


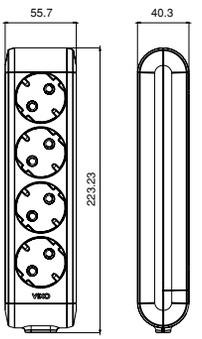
* All dimensions are given in mm.

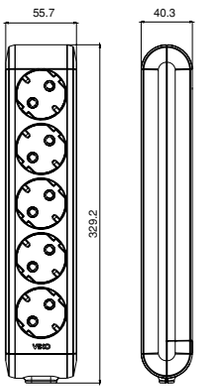
Multi-let Dimensions

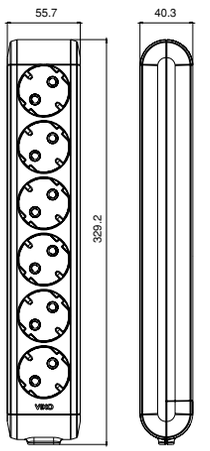
Earthed Socket



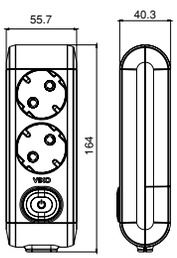


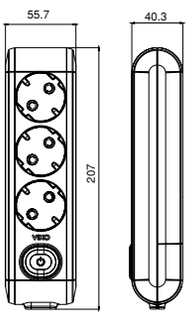


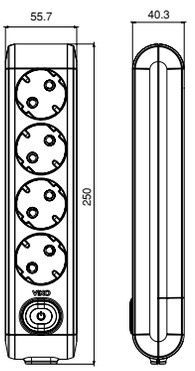


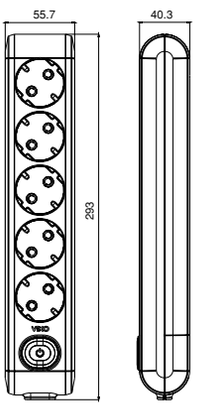


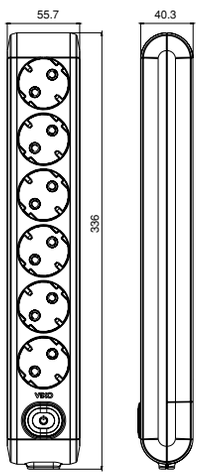
Earthed Socket with Switch



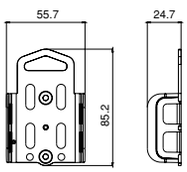








Holder Bracket



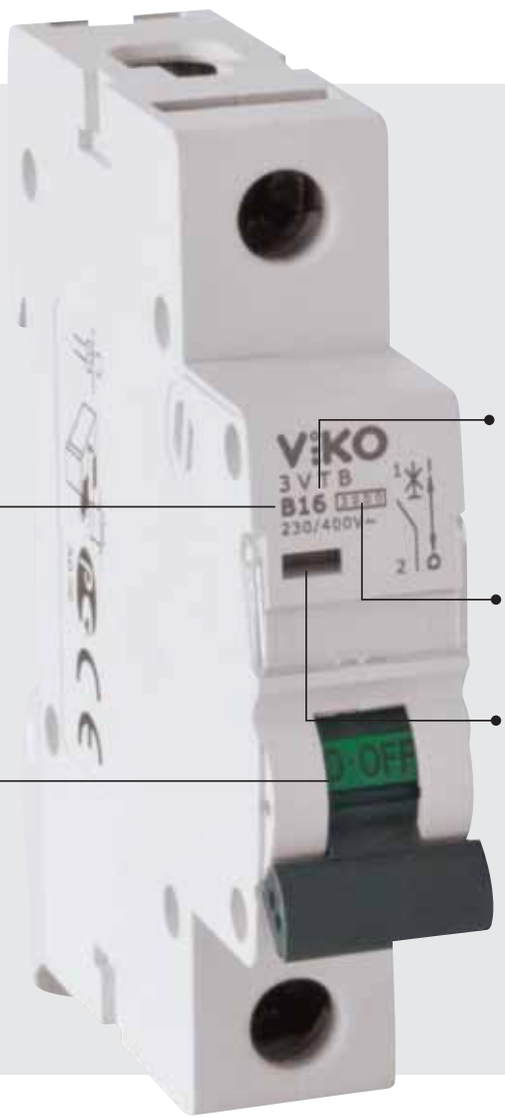
* All dimensions are given in mm.

high trust in low voltage

V:KO
by Panasonic

Automate your safety...

- Body structure designed according to high disconnecting capacity
- Energy saving with low power consumption
- Class IP20 connection terminals with high protection against manual contact
- 12-plate cell to attenuate the active arc formed
- AgC4 contact structure for long life
- Accessories options for your need



Miniature circuit breakers provide superior protection with their thermal-magnetic tripping feature.

Thermal Protection

Provides protection by switching off in case of overload. Activates the thermocouple mechanism which tilts due to high temperature and make main contacts disconnect from each other.

Magnetic Protection

At high currents or in case of short-circuit, piston inside the coil switches off by triggering the mechanism with magnetic changes and provides protection.

Miniature Circuit Breaker

Advantages

Compatibility with DIN Rails and Screw Assembly
Product can be installed on any desired surface, even in the absence of a DIN rail.

All Types of Busbar Connections
Provides an installation safer than wiring and an aesthetical, fast connection

Protected Terminals
Ensures that the wire is fully inserted into terminal through protected terminals. At the same time, it does not allow a faulty wire connection and prevents arc formation during installation.

Labeling System
By looking on top of the fuse, it is easy to understand in which line a problem is, finding the fault becomes more convenient.

Annunciators
Annunciator on the circuit breaker makes the switch position visible. This feature minimizes the malfunction time and enables safe intervention to the assembly.

- OFF position
- ON position

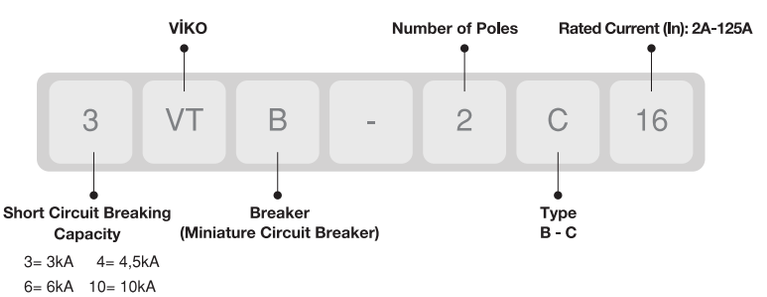
Insulation Wall
At multiple connections, it does not allow circuit breakers to contact each other, eliminates the potential arc and short-circuit risk, protects the assembly.

Compatibility with Accessories
With compatibility of the auxiliary accessory assembly spot, it offers the option to use with accessories.

Technical Information

Model	3VTB				4VTB				6VTB				10VTB			
Protection	Thermal and magnetic protection															
Standards	IEC / EN 60898 TS 5018-1 EN 60898-1				IEC / EN 60898 TS 5018-1 EN 60898-1				IEC / EN 60898 TS 5018-1 EN 60898-1				IEC / EN 60898, IEC / EN 60947-2 TS 5018-1 EN 60898-1			
Quality Certificates	TSE		CE		TSE		CE		TSE		CE		TSE*		CE	
Number of Poles	1P	2P	3P	4P	1P	2P	3P	4P	1P	2P	3P	4P	1P	2P	3P	4P
Tripping Characteristics	B-C	C	B-C	C	B-C	C	C	C	B-C	C	C	C	C	C	C	C
Connection Section	2A-63A 25 mm^2				2A-63A 25 mm^2				6A-63A 25 mm^2				6A-63A 25 mm^2			
Rated Frequency	50/60Hz															
Disconnecting Capacity	3kA - 230/400V AC				4.5kA - 230/400V AC				6kA - 230/400V AC				10kA - 230/400V AC			
Rated Current Values																
2A	✓															
4A	✓															
6A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
25A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
40A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
50A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
63A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
80A	✓		✓													
100A	✓		✓													
125A	✓		✓													
Rated Voltage of Impact Resistance	4kV															
Rated Insulation Voltage	500V															
Electrical Endurance	4.000 cycles															
Mechanical Endurance	8.000 cycles															
Surrounding Temperature Min / Max	-5 / +40°C															
Protection Class	IP20															
Mounting Type	DIN EN 50 022 - 35 mm^2															

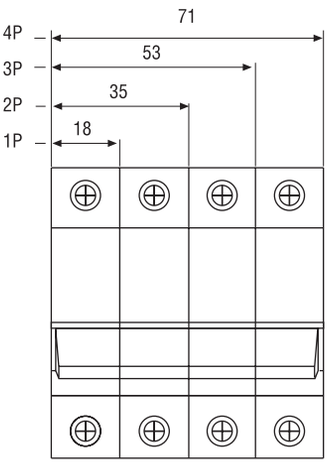
* 80 - 100 - 125 A not included.

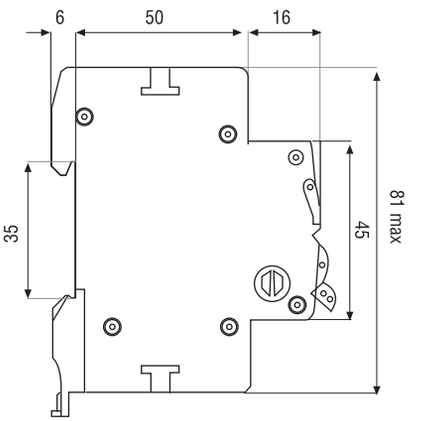


Miniature Circuit Breaker

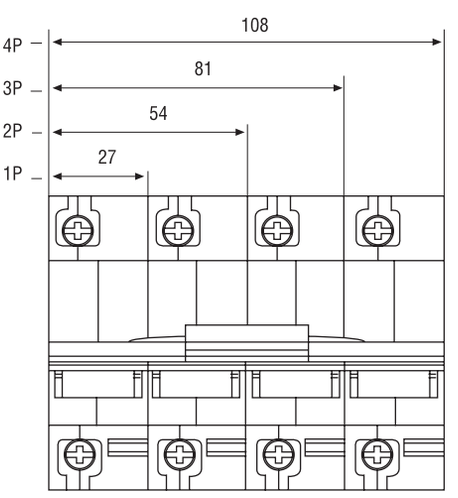
Dimensions (mm)

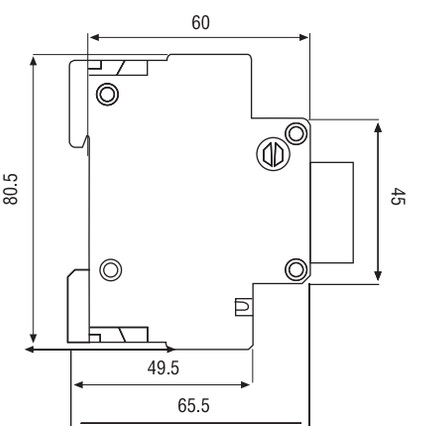
2-63A



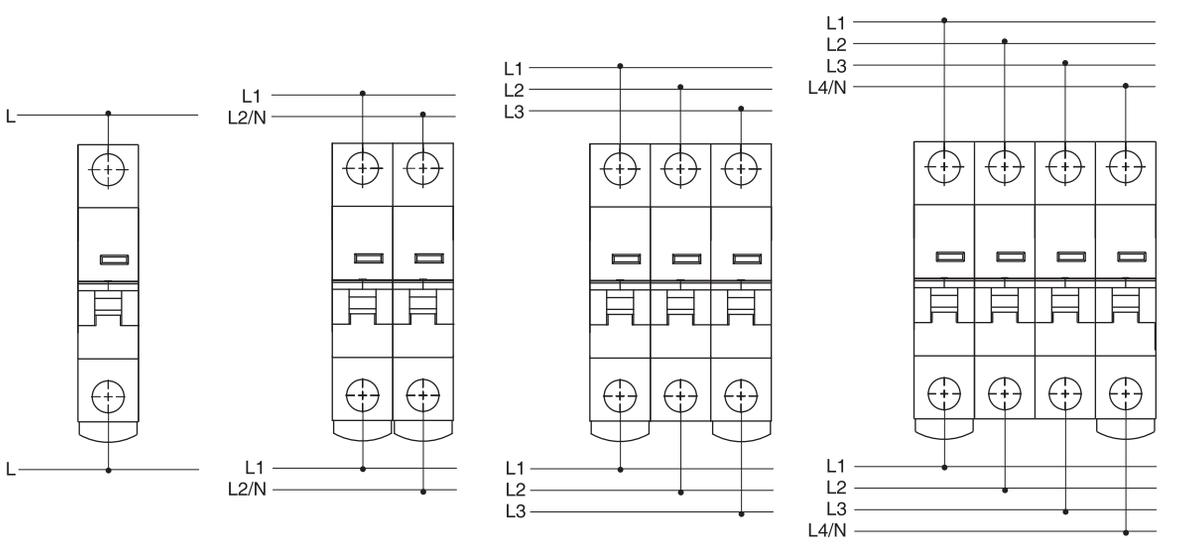


80-125A





Connection Diagram



1 Pole 2 Pole 3 Pole 4 Pole

Accessories

VİKO miniature circuit breaker have accessories options for your need of accessory series and satisfy users' every need, thanks to its fast mounting possibility due to the feature of screwless type connection.

6 VTB - 10 VTB Series Miniature Circuit Breaker Accessories		
Description		Ref. No
Auxiliary Contact Block 2 - 63A	1NO + 1NC	VTBK-AU2/11
Overvoltage Coil	230V AC	VTBK-OVR2

VTBK-AU2/11 - Auxiliary Contact Block	
Mechanical Life	10000
Operating Temperature	-25°C~+50°C
Storage Temperature	-40°C~+85°C
Mounting	DIN Rail EN 60715 (35 mm)

Deactivate residual current before it causes damage...

- Simple and solid operating mechanism
- Connection terminals suitable for cable, pin and bifurcated busbar entry
- Monthly test button for regular controls
- Superior protection against electric shocks and fire
- Class IP20 connection terminals with high protection against manual contact
- Design compatible with VİKO circuit breakers

Residual Current Circuit Breakers provide superior protection both for your loved ones and your places.

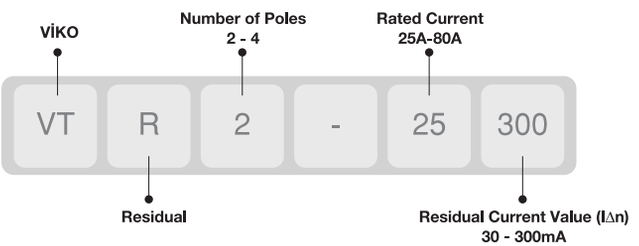
30mA is aimed for protecting human life, it must be connected to the secondary distribution boxes and sockets at the entrance of houses and workplaces.

300mA is for fire protection, 300mA residual current circuit breakers should be used in main distribution boxes.

Residual Current Circuit Breaker

Technical Information

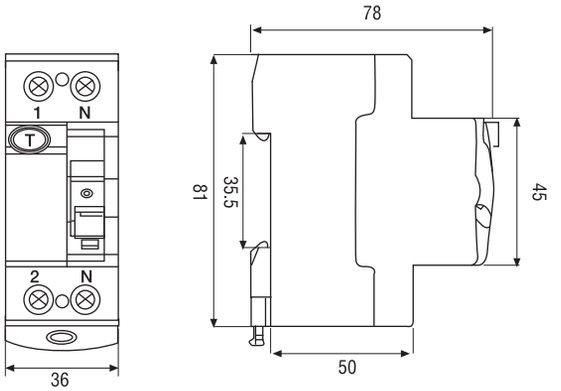
Model		VTR2		VTR4	
Protection		Residual Current			
Standards		IEC/EN 61008-1 TS EN 61008-1			
Quality Certificates		TSE		CE	
Type		AC			
Rated Voltage		230V AC		230V/400V AC	
Rated Frequency		50/60Hz			
Number of Poles		1P + N		3P + N	
Residual Current		30mA	300mA	30mA	300mA
Disconnecting Capacity		6kA			
Rated Current Values					
	25A	✓	✓	✓	✓
	40A	✓	✓	✓	✓
	63A	✓	✓	✓	✓
	80A	✓	✓	✓	✓
	100A			✓	✓
Protection Class		IP20			
Connection Section		25A-80A 25 mm^2, 100A 35 mm^2			
Mounting Type		DIN EN 50 022 - 35 mm			



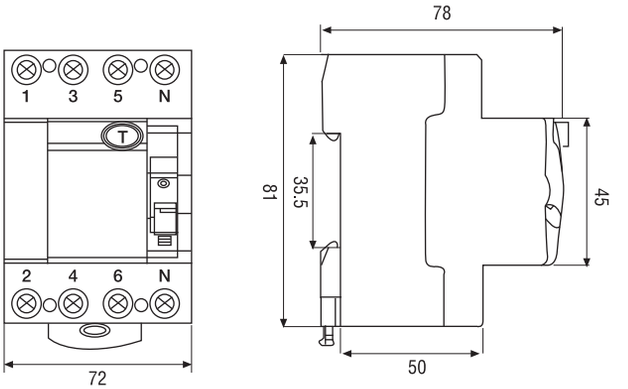
⚠ WARNING!

Residual Current Circuit Breaker are products used compulsorily in order to protect people against direct or indirect contact, and devices against insulation faults and fire hazard. Delivers the function of protecting life at 30mA (Human Protection) and Installation at 300mA (Fire Protection). Residual Current Relays provide superior protection both for your loved ones and your places. Residual Current Relays must be used as complementary to the system, along with grounding system and circuit breakers.

Dimensions (mm)

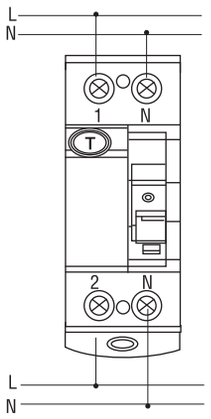


2 Pole

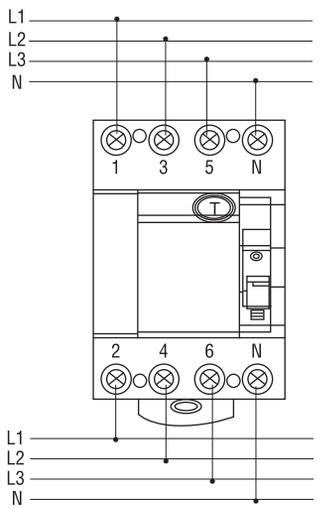


4 Pole

Connection Diagram

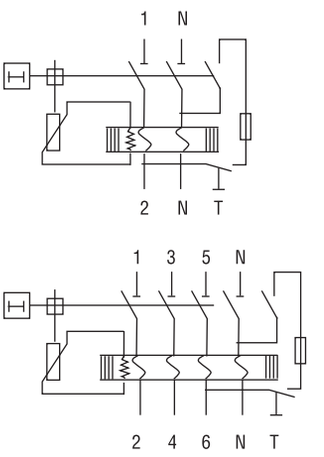


2 Pole

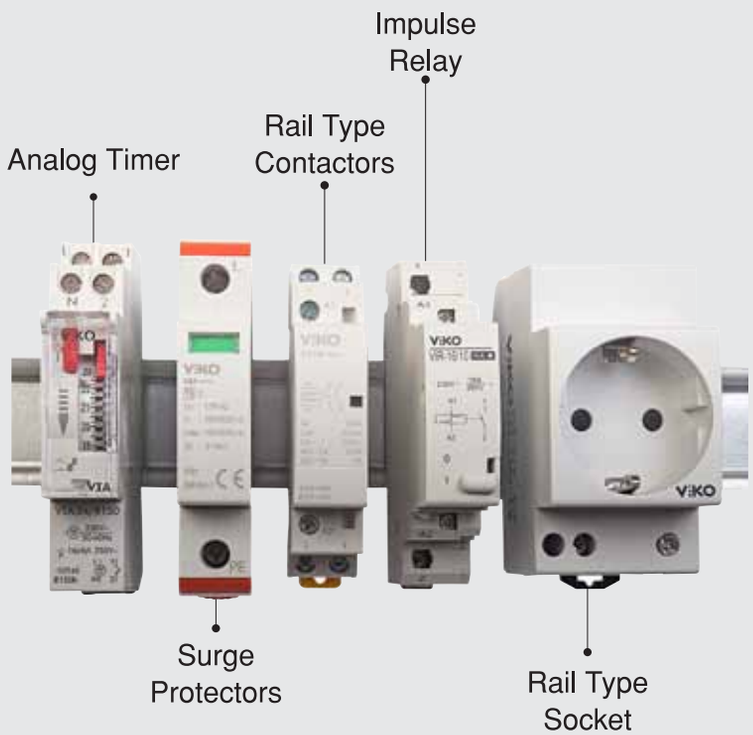


4 Pole

Electrical Diagram



Full protection, full trust at all times and places...



- Simple and solid operating mechanisms
- Mounting suitable for DIN rail
- Compatible with panel applications

Low Voltage Surge Protectors

VİKO Low Voltage Surge Protectors enables protection of power lines from potential direct or indirect electromagnetic effects of lightning. They attenuate suddenly formed overcurrents by transmitting them to the ground. Provides full protection and safety in your installation, in order to hold electronic and electrical devices harmless.

- Simple and solid operating mechanism
- Protection of electric / electronic devices against lightning impulses, in industrial and commercial building
- Maximum Discharge Current (Imax) : 100kA - 50kA - 40kA - 20kA
- Effective lightning protection in all classes (B, B+C, C, D Types)

Technical Informations

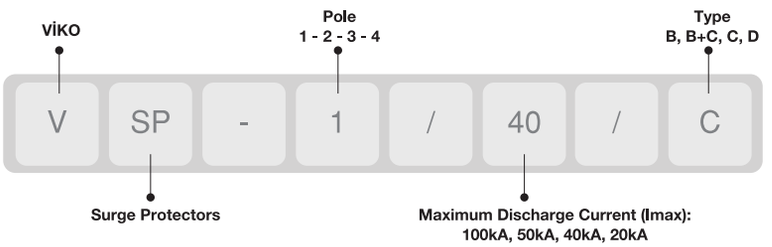
Type	VSP-B			
Rated voltage Un	220/230V AC			
Continuous voltage Uc	275V AC	320V AC	385V AC	420V AC
Nominal discharge current (8/20μs) In	60kA	60kA	60kA	60kA
Maximum discharge current (8/20μs) Imax	100kA	100kA	100kA	100kA
Maximum discharge current (10/350μs) Iimp	25kA	25kA	25kA	25kA
Voltage protection level Up	2500V	2500V	2500V	2500V
Response time t_A	<25sn			
Operation temperature range	-40°C~+80°C, relative humidity ≤95%, Above sea level ≤3Km			
Protection level	IP 20			
Dimension	1 Standard module width, DIN 43880			
Wire connection method	Minimum 2.5mm² solid wire/multiplied wire Maximum 35mm² solid wire/ multiplied wire			
Working status indication	-			
Installation method	35mm DIN electrical rail EN 50022			

Type	VSP-B+C			
Rated voltage Un	220/230V AC			
Continuous voltage Uc	275V AC	320V AC	385V AC	420V AC
Nominal discharge current (8/20μs) In	30kA	30kA	30kA	30kA
Maximum discharge current (8/20μs) Imax	50kA	50kA	50kA	50kA
Maximum discharge current (10/350μs) Iimp	7kA	7kA	7kA	7kA
Voltage protection level Up	1500V	1600V	1700V	1800V
Response time t_A	<25sn			
Operation temperature range	-40°C~+80°C, relative humidity ≤95%, Above sea level ≤3Km			
Protection level	IP 20			
Dimension	1 Standard module width, DIN 43880			
Wire connection method	Minimum 2.5mm² solid wire/multiplied wire Maximum 35mm² solid wire/ multiplied wire			
Working status indication	Red indication means fault status, need change timely			
Installation method	35mm DIN electrical rail EN 50022			

Technical Informations

Type	VSP-C			
Rated voltage Un	220/230V AC			
Continuous voltage Uc	275V AC	320V AC	385V AC	420V AC
Nominal discharge current (8/20μs) In	20kA	20kA	20kA	20kA
Maximum discharge current (8/20 μs) Imax	40kA	40kA	40kA	40kA
Voltage protection level Up	1500V	1600V	1700V	1800V
Response time t_A	<25sn			
Operation temperature range	-40°C~+80°C, relative humidity ≤95%, Above sea level ≤3Km			
Protection level	IP 20			
Dimension	1 Standard module width, DIN 43880			
Wire connection method	Minimum 2.5mm² solid wire/multiplied wire			
	Maximum 35mm² solid wire/ multiplied wire			
Working status indication	Red indication means fault status, need change timely			
Installation method	35mm DIN electrical rail EN 50022			

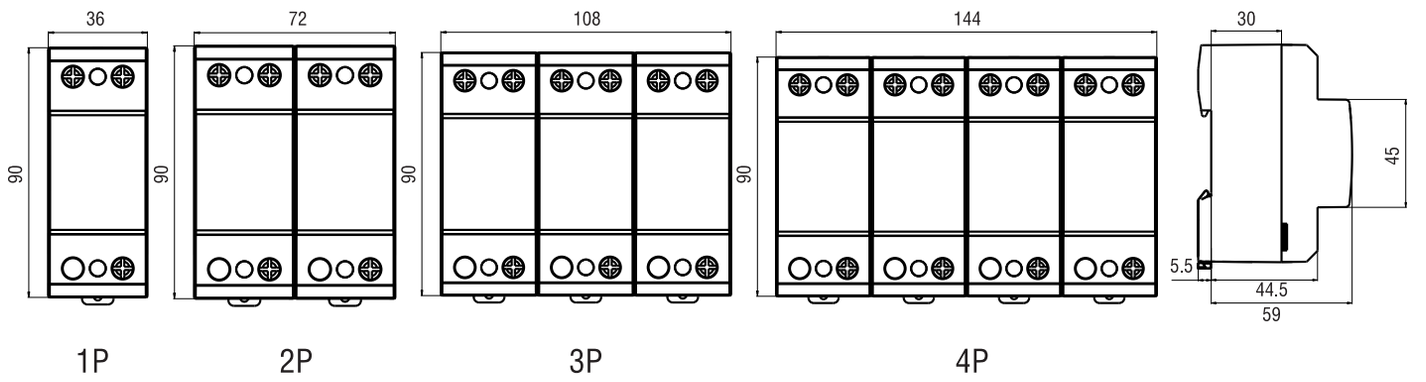
Type	VSP-D			
Rated voltage Un	220/230V AC			
Continuous voltage Uc	275V AC	320V AC	385V AC	420V AC
Nominal discharge current (8/20μs) In	10kA	10kA	10kA	10kA
Maximum discharge current (8/20μs) Imax	20kA	20kA	20kA	20kA
Voltage protection level Up	1500V	1500V	1500V	1500V
Response time t_A	<25sn			
Operation temperature range	-40°C~+80°C, relative humidity ≤95%, Above sea level ≤3Km			
Protection level	IP 20			
Dimension	1 Standard module width, DIN 43880			
Wire connection method	Minimum 2.5mm² solid wire/multiplied wire			
	Maximum 35mm² solid wire/ multiplied wire			
Working status indication	Red indication means fault status, need change timely			
Installation method	35mm DIN electrical rail EN 50022			



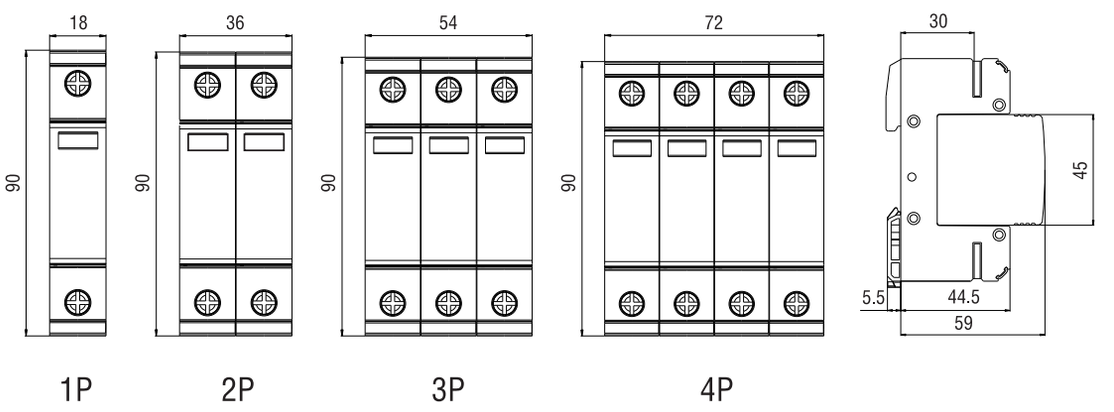
Modular Products

Dimensions (mm)

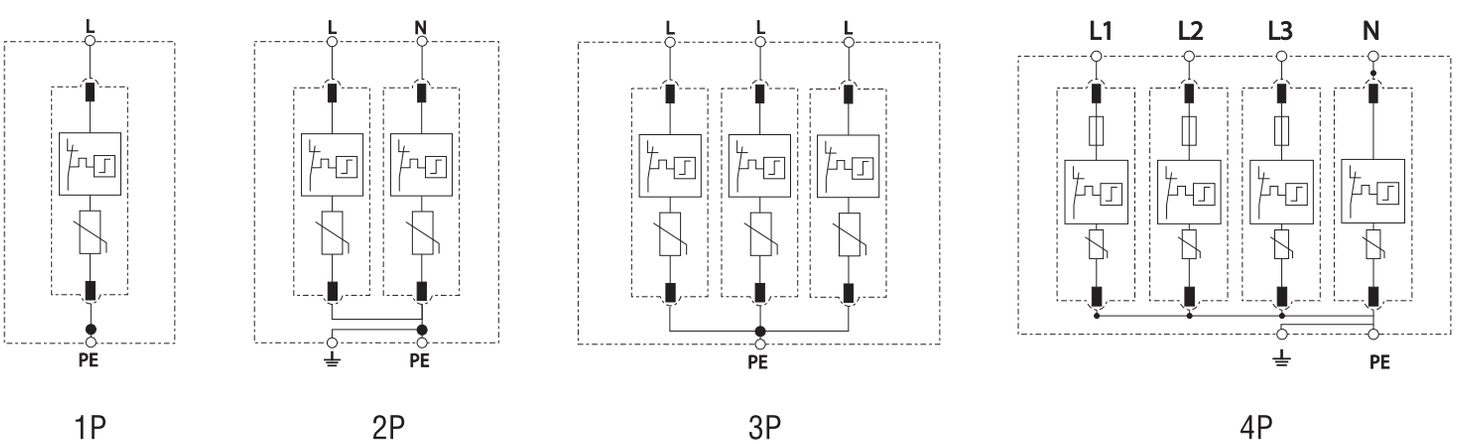
B TYPES



B+C, C, D TYPES



Connection Diagram

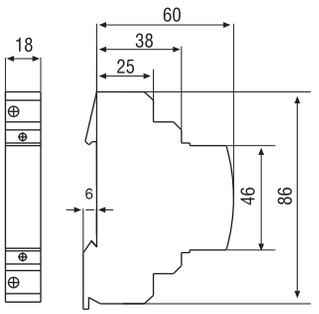


Impulse Relays

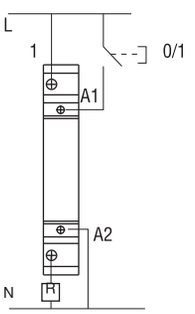
VİKO impulse relay enable remote control of the lighting circuit and multiplying control points.

Rated Current (In): 16A (cosα: 0.6)
Rated Voltage (Un): 250V AC
Auxiliary Contact Block: 1NO
Product Code: VIR-16/10

Dimensions (mm)



Connection Diagram



Analog Timers

VİKO timers are time relays which control lighting systems at inervals of choice, without need for sensors such as photocell and it is also used in applications involving agricultural activities such as garden irrigation. They enable lighting control at determined time intervals and save energy by preventing energy loss to be formed in unnecessary time intervals thanks to lighting control.

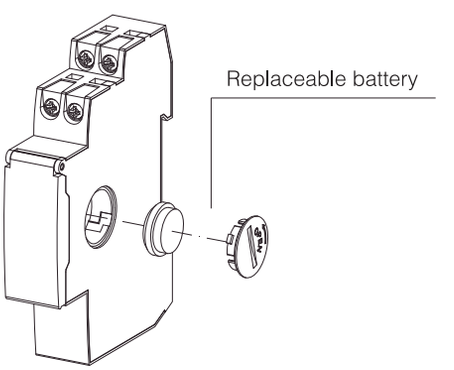
Technical Specifications

- **Feeding:** 230V AC ± %10 50Hz
- **Load capacity:** 16(4)A/250V
- **Power consumption:** 0.5W
- **Timer accuracy:** ±3 sec/day 22°C
- **Battery life:** Daily model: 150 hours
- **Dial type:** Daily: 96 pins
- **Minimum switching time:** Daily: 15 minutes
- **Operating temperature:** -10C - +50 °C
- **Protection against electric shocks:** "Class II"
- **Protection class:** IP20
- Manually controllable, 2-position selector

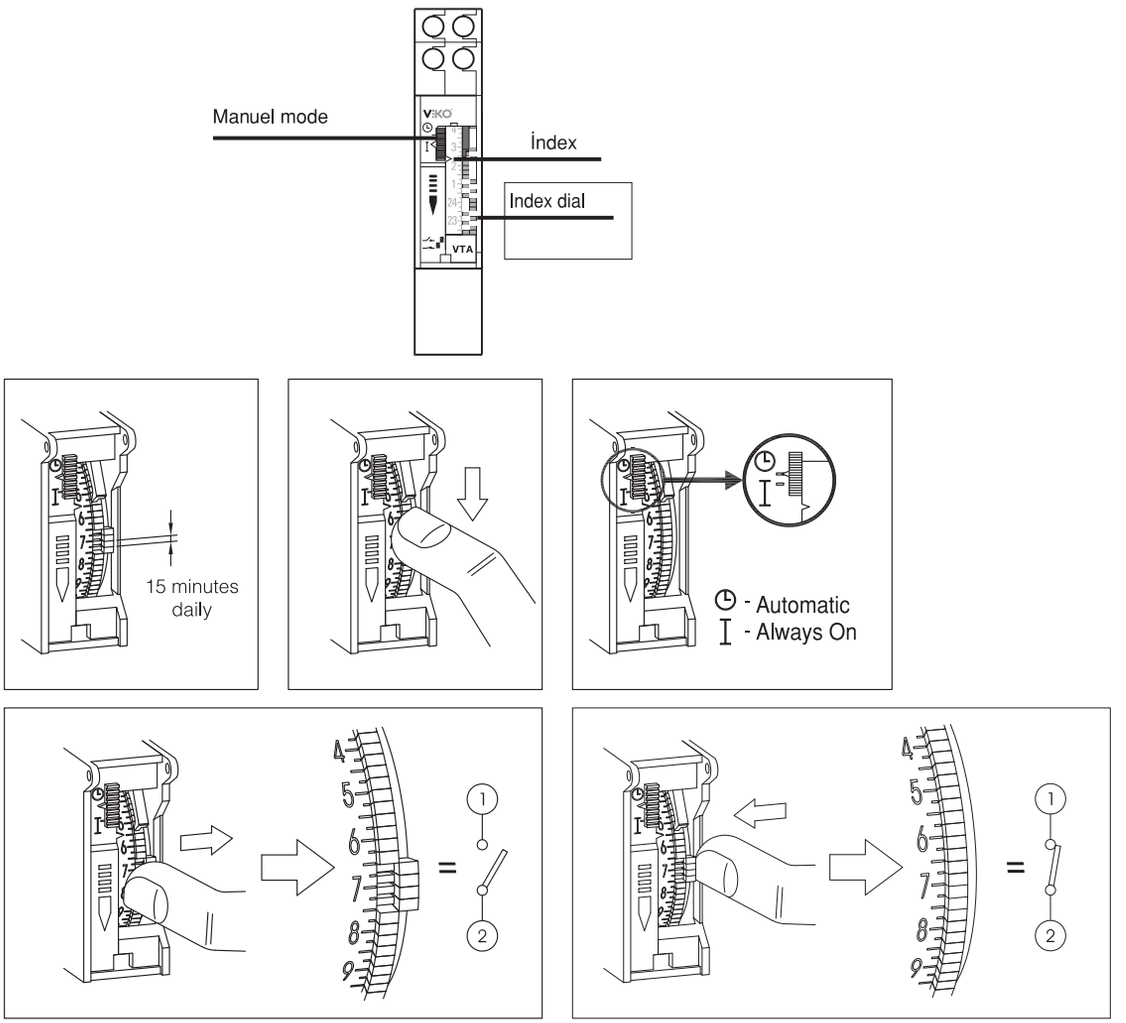
🕓 = Automatic
I = On (Contact no. 1 & 2 are always off)

- Mounting to 1 DIN rail

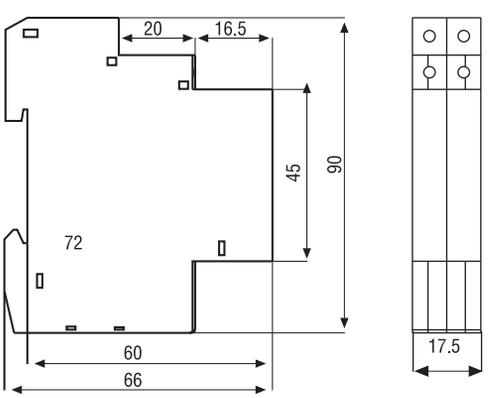
Model	Description
VTA-24H/R150	Daily analog time relay



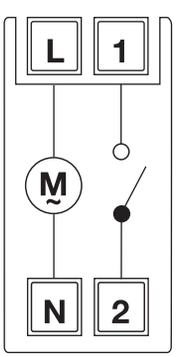
Programlama



Dimensions (mm)



Connection Diagram

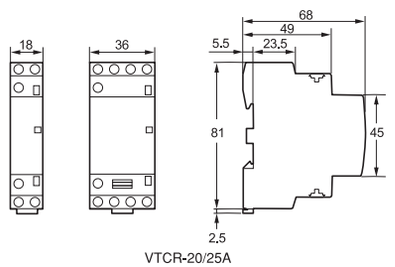


Rail Type Contactors

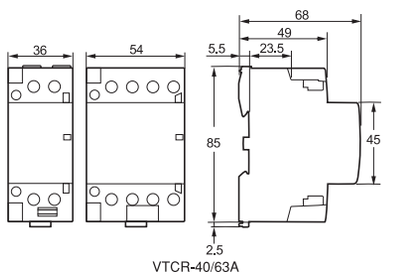
VİKO rail contactors are used in order to check electric circuit, trip and close the circuit or enable flow through automation circuit, in places such as hotel rooms, residences, hospitals. Rail Type Contactors are also known as silent contactors.

Parameter			20A	25A	40A	63A
Rated Current In (A)		AC-7a	20	25	40	63
		AC-7b	7	9	18	25
Conventional Free Air Thermal Current Ith (A)			25	25	63	63
Rated Insulation Voltage Ui (V)			500			
Rated Voltage Ue (V)			250V (2P) 400V (4P)			
Ambient Temperature			-5°C ~ +60°C			
Making and Breaking Capacity(AC-7a)			1,5 Ie			
Main Contacts		2P	1NO+1NC			
		4P	4NO			
Controlled Power	AC-7a	230V	4,5	5,5	9	14
		400V	8	10	16	25
	AC-7b	230V	1,6	2	3,5	4,5
		400V	2,8	3,4	6	8
Electrical Durability (times)			10 x 10^4			
Mechanical Durability (times)			10 x 10^5			
Operation Frequancy / 1h			100			
Coil Voltage Us (V)			AC24V 50/60Hz , AC230VAC 50/60Hz			
Wiring Ability (mm^2)	Control Circuit	Rigid Wire	1,5 ~ 2,5 mm^2	2x1,5 mm^2		
		Flexible Wire	1,5 ~ 2,5 mm^2	2x1,5 mm^2		
	Main Circuit	Rigid Wire	1,5 ~ 6 mm^2		6 ~ 25 mm^2	
		Flexible Wire	1 ~ 4 mm^2		6 ~ 16 mm^2	
Fastening Torque (N-m)	Main Circuit Terminal		0,8		35	
	Control Circuit Terminal		0,8			

Dimensions (mm)

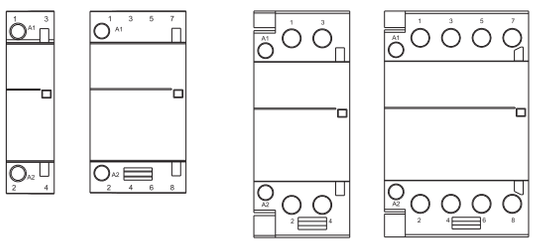


VTCR-20/25A



VTCR-40/63A

Connection Diagram

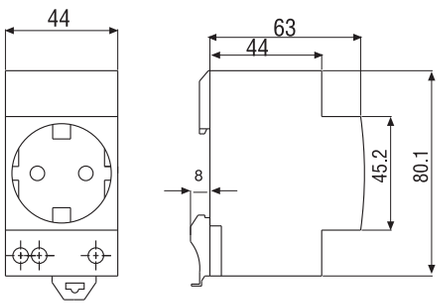


Rail Type Socket

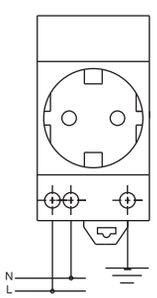
With its case fit to DIN rail, VİKO rail socket can be chosen at panel applications.

German Type
Rated Voltage (Un): 250V AC
Rated Current (In): 16A
Product Code: VSR-G16

Dimensions (mm)



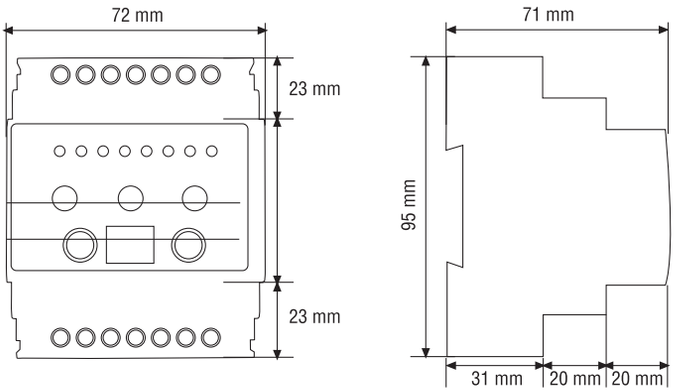
Connection Diagram



Earth Leakage Relay

Accuracy adjustment at VELR-30 series residual current detection relays (IΔn);

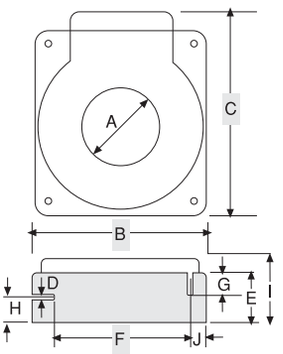
- Accuracy selection at 9 different settings; 30mA, 50mA, 75mA, 100mA, 125mA, 150mA, 200mA, 250mA, 300mA.
- Multiplier adjustment at 3 different positions; 1*, 10*, 100*.
- Time adjustment for fault detection; Sudden (withoutdelay), 50ms, 100ms, 250ms, 350ms, 500ms, 1s, 2s, 5s.



Current Threshold	Supply Voltage	Trip Time Adjustment	Reference Number
30mA - 30A	10V/220V A	0.05 sn - 5 sn	VELR - 30

Toroidal Current Transformer

Toroidal current transformer calculates the current difference between the current inflows and outflows. it detects possible leakage current in the system together with the leakage current detection relay



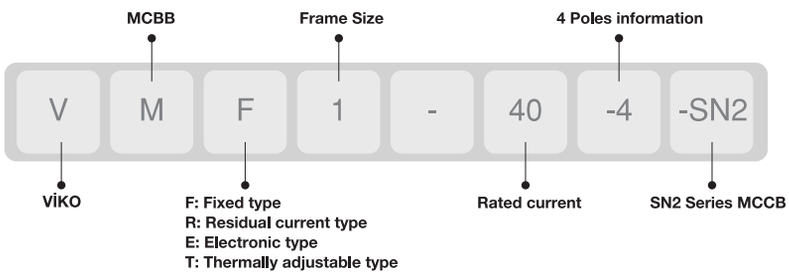
Sizes (mm)	Model		
	VTTR - 40	VTTR - 55	VTTR - 80
A	40.0	55.0	80.0
B	79.0	126.0	120.5
C	97.0	151.0	138.0
D	3.5	4.0	3.5
E	35.0	37.0	35.0
F	53.5	100.0	94.5
G	17.5	14.0	17.5
H	17.5	19.0	17.5
I	32.0	44.0	37.0
J	10.0	12.5	10.0

High efficiency, maximum flexibility and performance...

- Compact dimensions
- Simple and strong operating mechanism
- Rapidly, easily and safely mountable accessories
- Easy installation
- Short circuit breaking capacity suitable for all options

SN2 Series
Moulded case circuit breaker

- Fixed Type
- Thermal Adjustable Type
- Electronic Type
- Residual Current Type



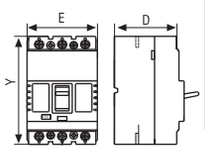
Moulded Case Circuit Breaker

Fixed Type SN2 Series

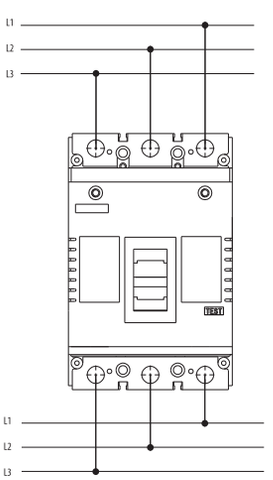
VMF-SN2 series MCCBs provide thermal-magnetic protection at high current breaking capacities, within the range of 40A to 800A rated current values. Thermal and magnetic adjustment fields are fixed.

Technical Information

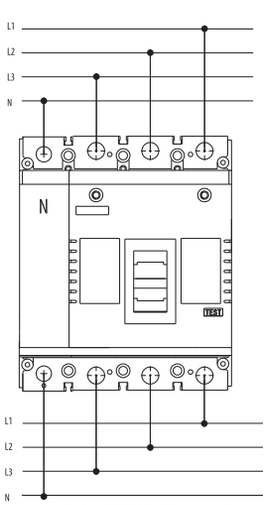
VMF Series							
Model			**VMF1-SN2**	**VMF2-SN2**	**VMF3-SN2**	**VMF4-SN2**	**VMF5-SN2**
Rated Current In (A)			40 - 50 - 63 - 80 - 100 - 125A	40 - 50 - 63 - 80 - 100 - 125 - 160A	160 - 200 - 250A	315 - 400A	500 - 630 - 800A
Rated Insulation Voltage Ui			750V	750V	750V	750V	750V
Rated Service Voltage Ue			400V	400/415V	400/415V	400/415V	400/415V
Pole Option			3P / 4P	3P / 4P	3P /4P	3P /4P	3P /4P
Short-circuit Disconnecting Capacity Icu (kA)			25	35	35	50	50
Service Short-circuit Disconnecting Capacity Ics (kA)			12,5	26,25	26,25	37,5	37,5
Rated Voltage of Impact Resistance Uimp (V)			10000	8000	8000	8000	8000
Dielectric Feature (V)			2500	3000	3000	3000	3000
Service Performance	Total Installation		10000	8000	8000	5000	5000
	Electrical Life		1000	1000	1000	1000	1000
	Mechanical Life		7000	7000	7000	4000	4000
Accessories	Under Voltage Coil		✓	✓	✓	✓	✓
	Shunt Release Coil		✓	✓	✓	✓	✓
	Alarm Contact		✓	✓	✓	✓	✓
	Alarm Kontağı		✓	✓	✓	✓	✓
	Extended Rotary Setup Handle		✓	✓	✓	✓	✓
	Motor Mechanism						✓
Quality Certificates					TSE 60947-2		
E (mm)		3P	76	90	105	140	210
		4P	101	120	140	184	280
Y (mm)		3P	120	120	170	254	268
		4P	120	120	170	254	268
D (mm)		3P	70	70	103,5	103,5	103,5
		4P	70	70	103,5	103,5	103,5



Connection Diagram



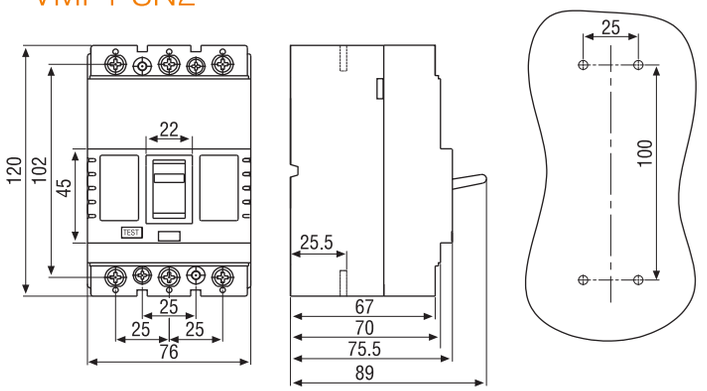
3-Poles MCCB Connection Diagram



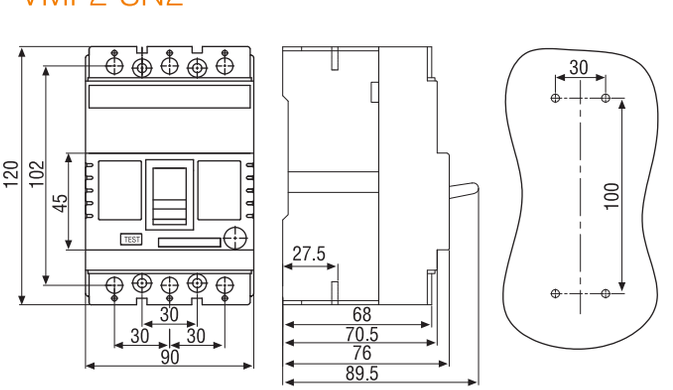
4-Poles MCCB Connection Diagram

Dimensions (mm)

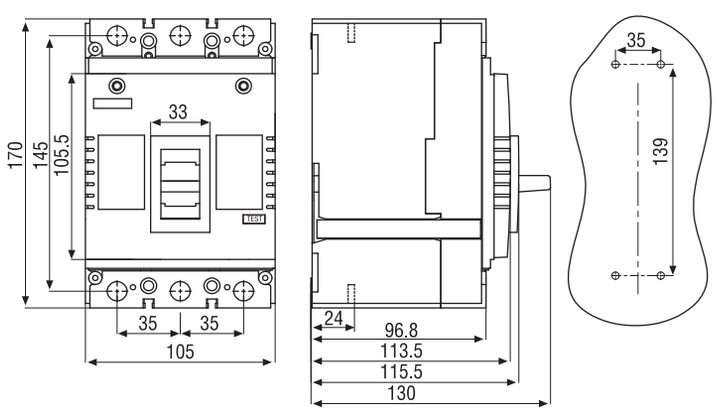
VMF1-SN2



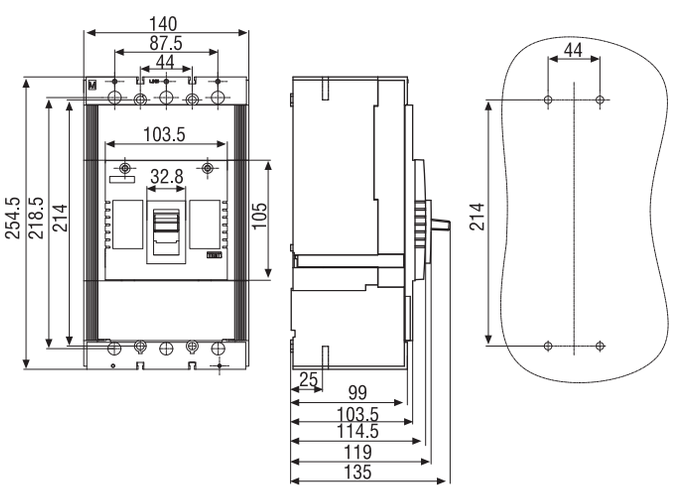
VMF2-SN2



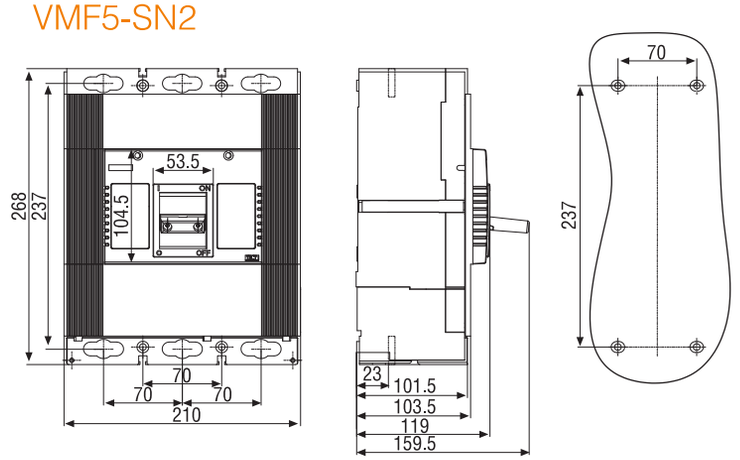
VMF3-SN2



VMF4-SN2



VMF5-SN2



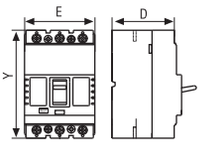
Moulded Case Circuit Breaker

Thermal Adjustable Type SN2 Series

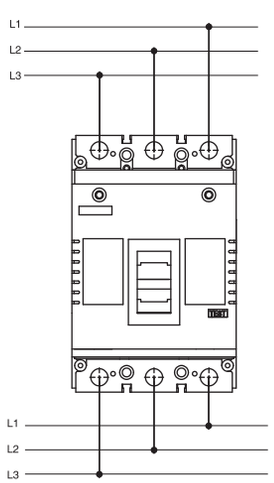
VMT-SN2 series MCCBs provide thermal-magnetic protection at high current breaking capacities in the range of 40A to 800A rated current values. With its thermal adjustment field feature, the thermal adjustment part can make adjustments at rated current values multiplied by 0,7 to 1 times.

Technical Information

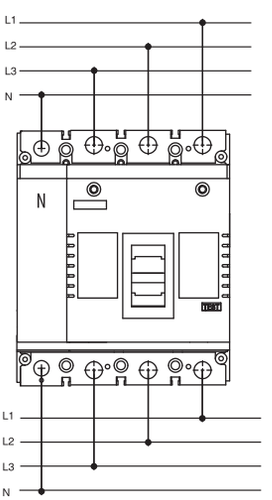
VMT Series

Model			VMT2-SN2	VMT3-SN2	VMT4-SN2	VMT5-SN2
Rated Current In (A			40 - 50 - 63 - 80 - 100 -125 - 160A	160 - 200 - 250A	315 - 400A	500 - 630 - 800A
Rated Insulation Voltage Ui			690V	690V	690V	750V
Rated Service Voltage Ue			400/415V	400/415V	400/415V	400/415 V
Pole Option			3 /4P	3P/4P	3P/4P	3P/4P
Short-circuit Disconnecting Capacity Icu (kA)			35	35	50	50
İService Short-circuit Disconnecting Capacity Ics (kA)			26,25	26,25	37,5	35
Anma Darbe Dayanım Gerilimi Uimp (V)			8000	8000	8000	8000
Rated Voltage of Impact Resistance Uimp (V)			3000	3000	3000	3000
Service Performance	Total Installation		8000	8000	5000	5000
	Electrical Endurance		1000	1000	1000	1000
	Mechanical Endurance		7000	7000	4000	4000
Accessories	Under Voltage Coil		✓	✓	✓	✓
	Shunt Release Coil		✓	✓	✓	✓
	Auxiliary Contact		✓	✓	✓	✓
	Alarm Contact		✓	✓	✓	✓
	Extended Rotary Setup Handle		✓	✓	✓	✓
	Motor Mechanism		✓	✓	✓	X
	Mechanical Lock		✓	✓	✓	X
Quality Certificates						
	E (mm)	3P	90	105	140	210
		4P	120	140	184	280
	Y (mm)	3P	120	170	254	268
		4P	120	170	254	268
	D (mm)	3P	70	103,5	103,5	103,5
		4P	70	103,5	103,5	103,5

Connection Diagram



3-Poles MCCB Connection Diagram



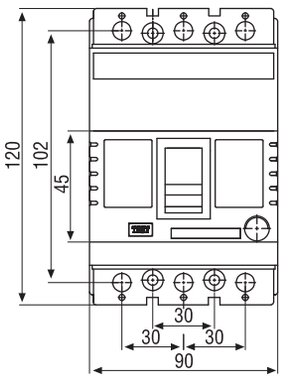
4-Poles MCCB Connection Diagram

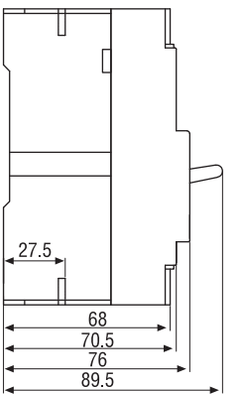
Adjustment Panel

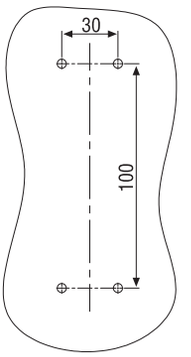
Thermal gauge field between 0,7 In -1 In

Dimensions (mm)

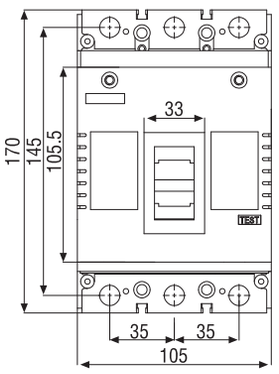
VMT2-SN2

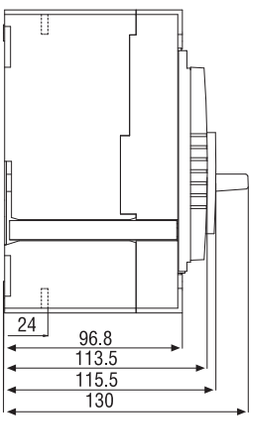


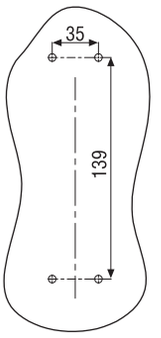




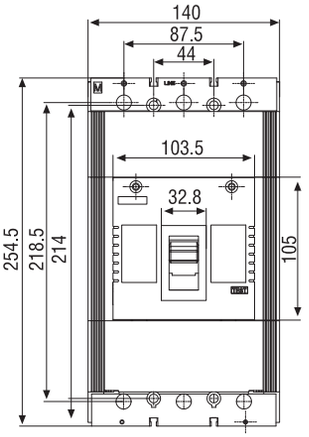
VMT3-SN2

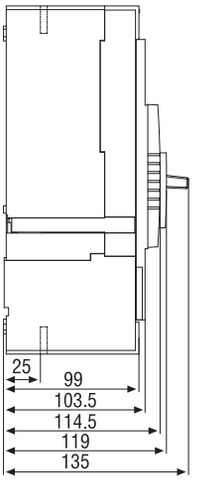


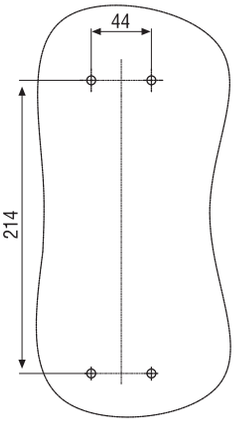




VMT4-SN2







Moulded Case Circuit Breaker

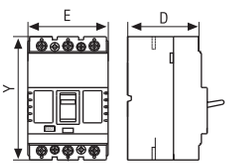
Residual Current Type SN2 Series

VMR series MCCBs provide thermal-magnetic as well as residual current protection at high current breaking capacities in the range of 50A to 500A rated current values. With its residual current adjustment feature offered in addition to fixed type switch, offers accuracy adjustment for residual currents at the residual current breaking values of 100, 300, 500mA. Provides full solution in installation thanks to its residual current protection feature in addition to thermal-magnetic protection. Adjustments on your device are carried out via switches located under your device.

Technical Information

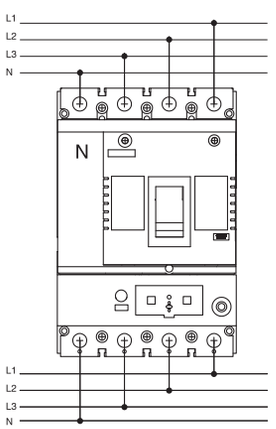
VMR Series

Model		VMR2-SN2	VMR3-SN2	VMR4-SN2
Rated Current In (A)		50 - 63 - 80 - 100 - 125A	160 - 200 - 250A	315 - 400 - 500A
Rated Insulation Voltage Ui		690V	690V	690V
Rated Service Voltage Ue		400/415V	400/415V	400/415V
Pole Option		4P	4P	4P
Short-circuit Disconnecting Capacity Icu (kA)		25	35	50
Service Short-circuit Disconnecting Capacity Ics (kA)		18,75	26,25	37,5
Rated Voltage of Impact Resistance Uimp (V)		8000	8000	8000
Dielectric Feature (V)		3000	3000	3000
Service Performance	Total Installation	8000	8000	5000
	Electrical Endurance	1000	1000	1000
	Mechanical Endurance	7000	7000	4000
Residual Current Threshold Value IΔn (mA)		100-300-500	100-300-500	100-300-500
Residual Current Sensitivity Threshold IΔn (mA)		50-500-800	50-500-800	50-500-800
Maximum Short-circuit Disconnecting Capacity at Residual Current (IΔm) kA/cosØ		9	16,25	16,25
Accessories	Under Voltage Coil	✓	✓	✓
	Shunt Release Coil	✓	✓	✓
	Auxiliary Contact	✓	✓	✓
	Alarm Contact	✓	✓	✓
	Extended Rotary Setup Handle	✓	✓	✓
	Motor Mechanism	✓	✓	✓
	Mechanical Lock	X	X	X
Quality Certificates		TSE 60947-2		



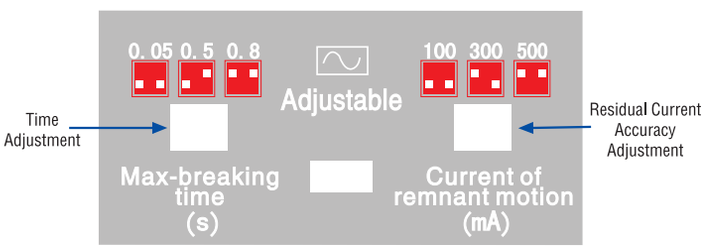
E (mm)	3P			
	4P	120	140	184
Y (mm)	3P			
	4P	120	210	254
D (mm)	3P			
	4P	70	103,5	103,5

Connection Diagram



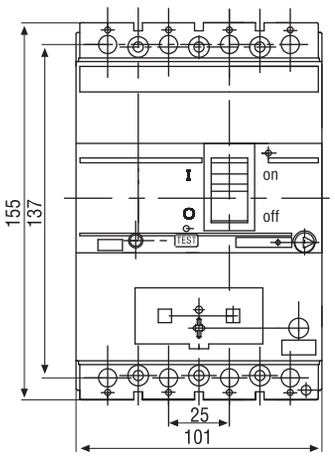
4-Poles Compact MCCB Diagram

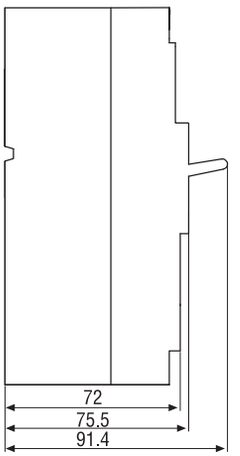
Adjustment Panel

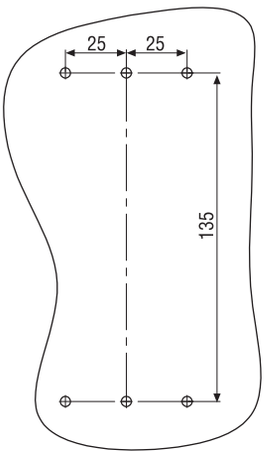


Dimensions (mm)

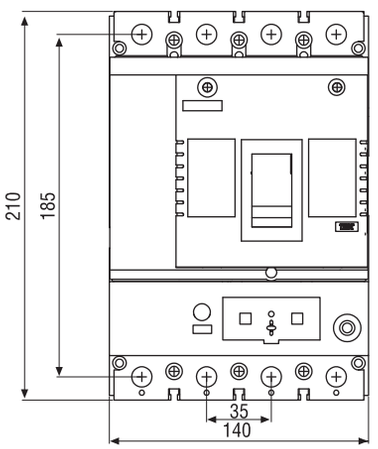
VMR2-SN2

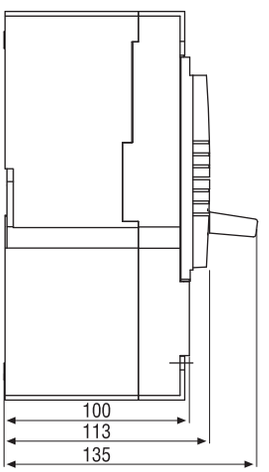


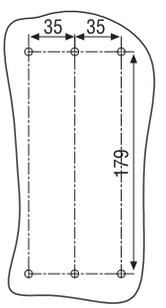




VMR3-SN2





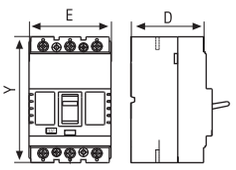


Moulded Case Circuit Breaker

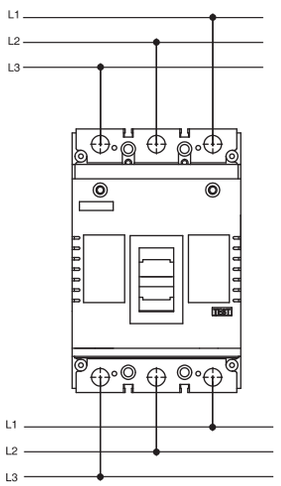
Electronic Type SN2 Series

With VME-SN2 series MCCBs, superior protection is offered at high current breaking capacity values in the range of 800A to 1600A. Adjustments on your device are carried out via switches located under your device.

Technical Information

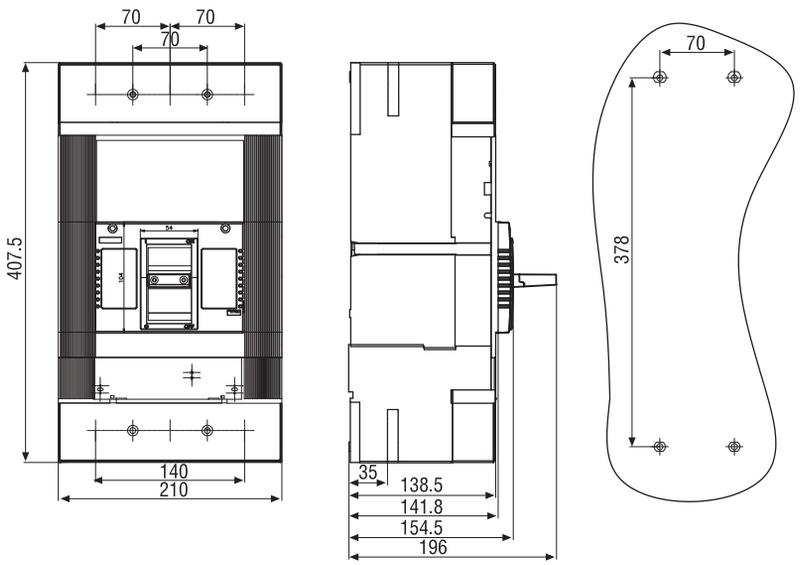
VME Series				
Model			**VME5-SN2**	**VME6-SN2**
Rated Current In (A)			630 - 800A	800 - 1000 - 1250 - 1600A
Rated Insulation Voltage Ui			750V	690V
Rated Service Voltage Ue			400/415V	400V
Pole Option			3P	3P
Short-circuit Disconnecting Capacity Icu (kA)			65	70
Service Short-circuit Disconnecting Capacity Ics (kA)			50	52,5
Rated Voltage of Impact Resistance Uimp (V)			8000	8000
Dielectric Feature (V)			3000	3000
Service Performance	Total Installation		5000	3000
	Electrical Endurance		1000	500
	Mechanical Endurance		4000	2500
Accessories	Under Voltage Coil		✓	✓
	Shunt Release Coil		✓	✓
	Auxiliary Contact		✓	✓
	Alarm Contact		✓	✓
	Extended Rotary Setup Handle		✓	✓
	Motor Mechanism		✓	✓
	Mechanical Lock		X	X
Quality Certificates			TSE 60947-2	
		E (mm)	3P	210	210
			4P	280	280
		Y (mm)	3P	410	410
			4P	410	410
		D (mm)	3P	138,5	138,5
			4P	138,5	138,5

Connection Diagram

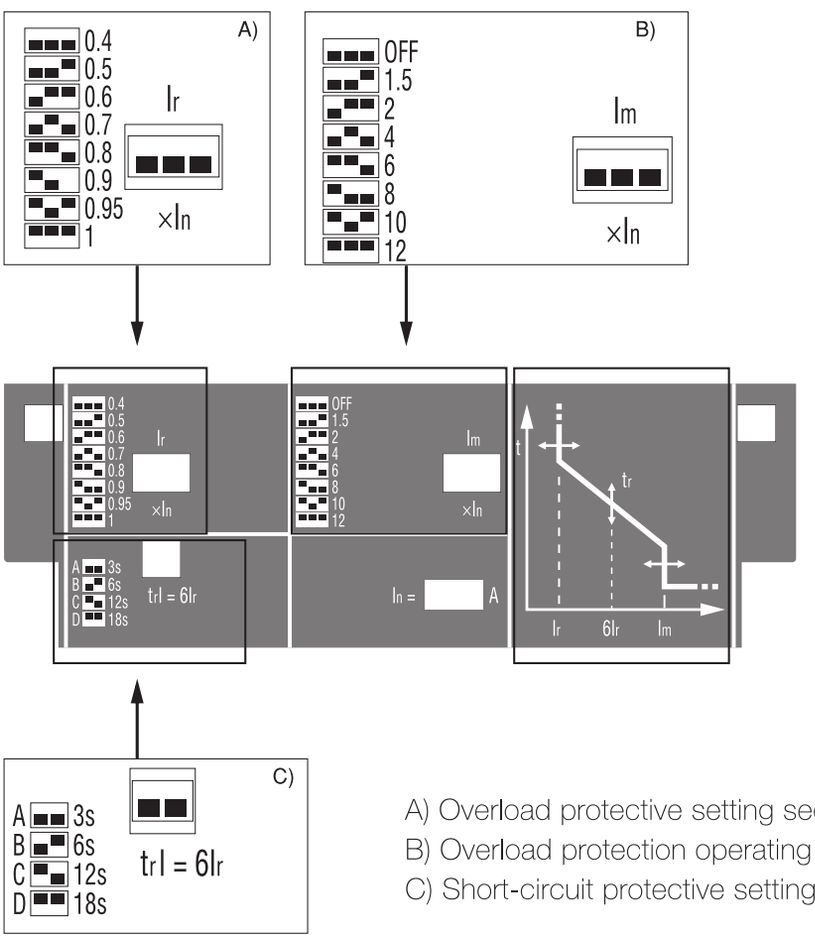


3 Poles MCCB Connection Diagram

Dimensions (mm)



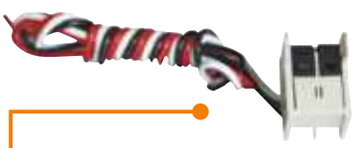
Adjustment Panel



A) Overload protective setting section
B) Overload protection operating curve setting section
C) Short-circuit protective setting section

MCCB Accessories - SN2 Series

VMA-AU-SN2
Auxiliary Contact
It is used to feed the electrical signaling according to the open or closed position of the circuit breaker.



VMA-W-SN2
Alarm Contact
It provides a warning to indicate the on-off status of the circuit breaker.

VMA-SR-SN2
Shunt Release Coil
It gives the circuit breaker a trip command.

VMA-UVR-SN2
Under Voltage Coil
It turns on the circuit breaker if the voltage drop level is between 35% and 70%.

VMA-EM-SN2
Motor Mechanism
It is used for remote on-off with connection with circuit breakers.

VMA-MM-SN2
Extended Rotary Setup Handle
It is used with the help of rotary knob to open-close without opening the door.

Shunt Release Coil

Compact to Use It With	Ref. No
VMF1 - VMF2 - VMT2 - VMR2 / -SN2	VMA-SR1/2-SN2
VMF3 - VMF4 - VMT3 - VMT4 - VMR3 / -SN2	VMA-SR3/4-SN2
VMF5 - VME6 / -SN2	VMA-SR5/6-SN2

Under Voltage Coil

Compact to Use It With	Ref. No
VMF1 - VMF2 - VMT2 - VMR2 / -SN2	VMA-URV1/2-SN2
VMF3 - VMF4 - VMT3 - VMT4 - VMR3 / -SN2	VMA-URV3/4-SN2
VMF5 - VME6 / -SN2	VMA-URV5/6-SN2

Auxiliary Contact Block

Compact to Use It With	Ref. No
VMF1 - VMF2 - VMT2 - VMR2 / -SN2	VMA-AU1/2-SN2
VMF3 - VMF4 - VMT3 - VMT4 - VMR3 / -SN2	VMA-AU3/4-SN2
VMF5 - VME6 / -SN2	VMA-AU5/6-SN2

Alarm Contact Block

Compact to Use It With	Ref. No
VMF1 - VMF2 - VMT2 - VMR2 / -SN2	VMA-W1/2-SN2
VMF3 - VMF4 - VMT3 - VMT4 - VMR3 / -SN2	VMA-W3/4-SN2
VMF5 - VME6 / -SN2	VMA-W5/6-SN2

Extended Rotary Setup Handle

Compact to Use It With	Ref. No
VMF1 / -SN2	VMA-MM1-SN2
VMF2 - VMT2 - VMR2 / -SN2	VMA-MM2-SN2
VMF3 - VMT3 - VMR3 / -SN2	VMA-MM3-SN2
VMF4 - VMT4 / -SN2	VMA-MM4-SN2
VMF5 - VME6 / -SN2	VMA-MM5-SN2

Motor Mechanism

Compact to Use It With	Ref. No
VMF5 / -SN2	VMA-EM5-SN2
VME6 / -SN2	VMA-EM6-SN2

Shunt Release Coil

Under Voltage Coil

Auxiliary Contact Block

Alarm Contact Block

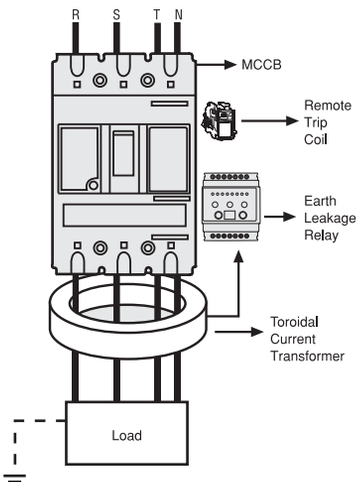
Extended Rotary Setup Handle

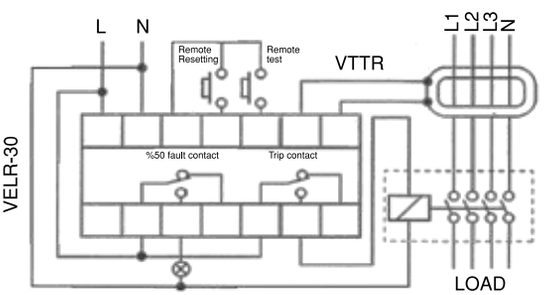
Residual Current Combinations

VİKO provides the option to establish a residual current set with MCCB up to 400A. Toroidal Current Transformer, shunt trip coil and earth leakage relay must be a part of the structure to be established. Therefore, this installation will establish a compact switch with thermally adjusted residual current protection up to 400 amperes. In order to create a Residual Current combination;

- MCCB
- VELR Series Earth Leakage Relay
- VTTR series Toroidal Current Transformer
- Shunt Trip Coil compatible with compact switch must be ordered all at once.

Connection Diagram



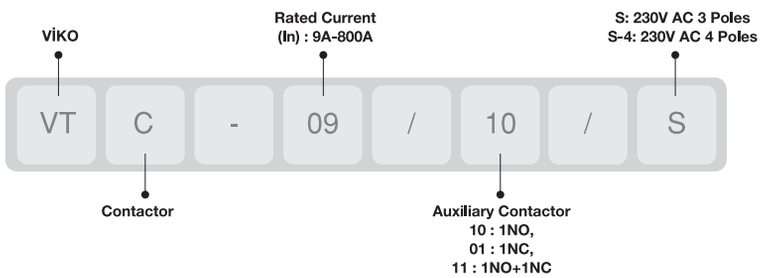


230V Connection Diagram

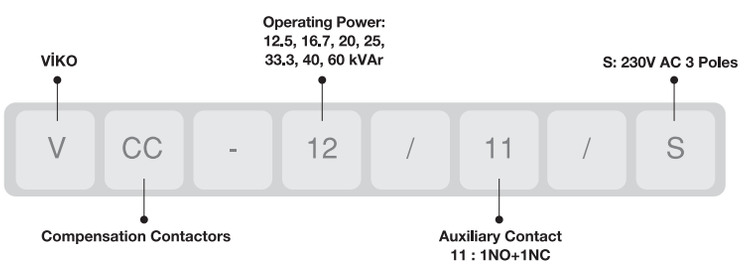
power is under control...

- From 9A to 800A
- In conformity with the EN 60947-4-1 standard
- Easy and safe installation
- Variety of options for accessories
- AC coil voltages 400V
- Maximum safety in installations when used together with VİKO branded compact switches and thermal relays

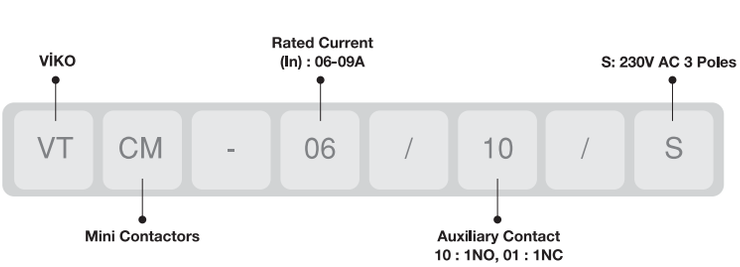
AC - Power Contactors



Compensation Contactors



Mini Contactors



AC Contactors - (VTC/S), (VTC/S-4)

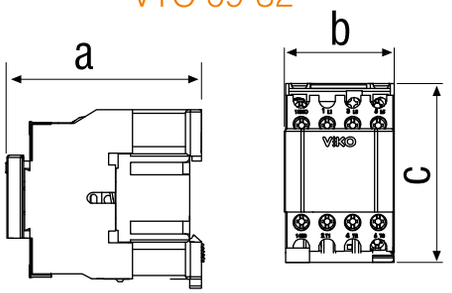
Type		VTC-09	VTC-12	VTC-18	VTC-25	VTC-32	VTC-40	VTC-50	VTC-65	VTC-80	VTC-95
Nominal Power AC-3,400V-kW	380/400 V-A	4	5,5	7,5	11	15	18,5	22	30	37	45
Rated Service Current (Ie) AC3	660/690V-A	9	12	18	25	32	40	50	65	80	95
		7	9	12	18	21	34	39	42	49	49
Contact		1NO/1NC	1NO/1NC	1NO/1NC/1NO+ 1NC/2NO+2NC	1NO/1NC/1NO+ 1NC/2NO+2N	1NO/1NC/1NO+ 1NC/2NO+2NC	1NO+1NC	1NO+1NC	1NO+1NC	1NO+1NC	1NO+1NC
Rated Insulation Voltage (Ui)-V		690									
Thermal Current (Ith)-A		25	25	32	40	50	60	80	80	125	125
Compatible Thermal Relays		VRM-32A10 ~ VRM32A23					VRM-95A31 ~ VRM95A37,				
Coil	Control Voltage (Us)-V	AC (50/60Hz) : 24, 48, 110, 220, 380V									
	Tripping Voltage - V	85% Us - 110% Us (AC)									
	Tensile Voltage - V	20% Us - 75% Us (AC)									
Number of Poles		3 & 4 Poles options									

VİKO branded contactors have a wide product variety ranging from 9 Amperes to 800 Amperes. Thanks to their easy and safe mounting, They provide maximum safety in installations with VİKO branded moulded case circuit breakers and thermal relays. AC coil voltage values from 24V up to 400V are available. Conform to EN 60947-4-1 standard and wide range of accessory options.

Contactors;

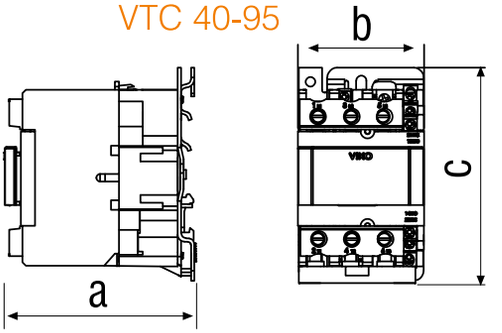
- **Power Contactors (3-pole);** AC coil voltages between 9A and 800A, from 24V up to 400V, AC3 Operating Class
- **Power Contactors (3-pole);** AC coil voltages between 9A and 95A, from 24V up to 400V, AC3 Operating Class
- **Mini Contactors;** At 6A and 9A current values, 24V AC and 230V AC coil
- **Compensation Contactors;** Rated Condenser Power (kVAr) at values 12.5 - 16.7 - 20 - 25 - 33.3 - 40 - 60

VTC 09-32



MODEL	A	B	C
VTC-09/12	80	44	75
VTC-18	85	44	75
VTC-25	95	58	84
VTC-32/38	100	58	84

VTC 40-95

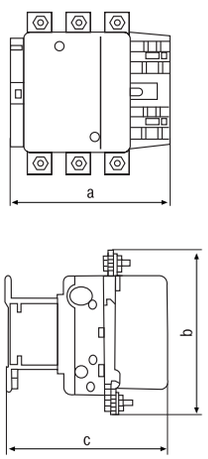


MODEL	A	B	C
VTC-40/50/65 (3P)	112	77	128max
VTC-40/50/65 (4P)	112	85	128max
VTC-80/95 (3P)	124	85	128max
VTC-80/95 (4P)	124	96	128max

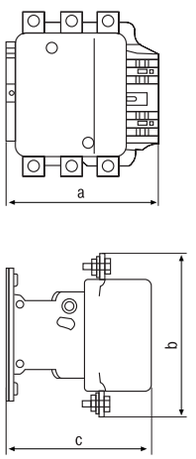
VTC-115	VTC-150	VTC-185	VTC-225	VTC-265	VTC-330	VTC-400	VTC-500	VTC-630	VTC-780	VTC-800
55	75	90	110	132	160	200	250	335	400	400
115	150	185	225	265	330	400	500	630	780	800
86	107	118	135	170	225	305	355	460	550	475
-	-	-	-	-	-	-	-	-	-	-
1000										690
200	250	275	315	350	400	500	700	1000	1500	850

AC (50/60Hz): 220V	
85% Us-110% Us (AC)	
20% Us-75% Us (AC)	
3/4P	3 Poles

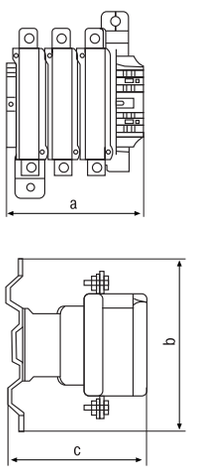
VTC 115-265



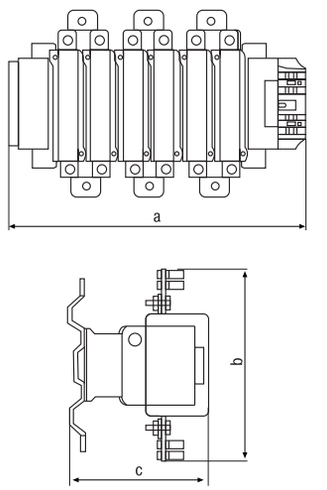
VTC 330-400



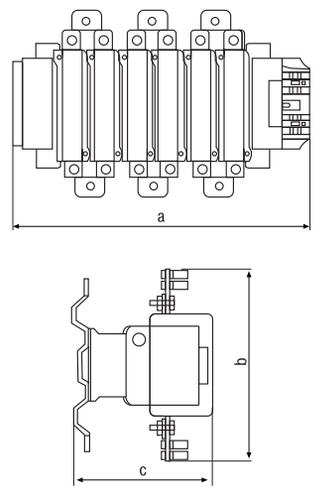
VTC 500-630



VTC 780



VTC 800



MODEL		A(mm)	B(mm)	C(mm)
VTC-115 ~ 265	115 (3P)	163,5	162	171
	115 (4P)	200,5	162	171
	150 (3P)	163,5	170	171
	150 (4P)	200,5	170	171
	185 (3P)	168,5	174	181
	185 (4P)	208,5	174	181
	225 (3P)	168,5	197	181
	225 (4P)	208,5	197	181
	265 (3P)	201,5	203	213
	265 (4P)	244,5	203	213

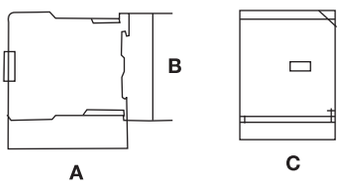
MODEL		A(mm)	B(mm)	C(mm)
VTC-330 ~ 400	330 (3P)	213	206	219
	330 (4P)	261	206	219
	400 (3P)	213	205	219
	400 (4P)	261	205	219
VTC-500 ~ 630	500 (3P)	233	238	232
	500 (4P)	288	238	232
	630 (3P)	309	304	255
	630 (4P)	389	304	255
VTC-780	780 (3P)	389	435	255
VTC-800	800 (3P)	389	304	255

Contactors

Mini Contactors - (VTCM)

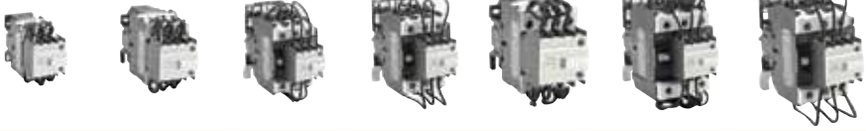
Type		Unit	VTCM-06	VTCM-09
Nominal Power	220/230V AC	kW	2,2	4,00
	380/400V AC	kW	2,2	4,00
Rated Service Current (Ie) AC-3	380/400V AC	A	6	9
Rated Insulation Voltage (Ui)		V	690	690
Thermal Current (Ith)		A	16	20
Contact			1NO/1NC	1NO/1NC

Dimensions (mm)



Model	a	b	c
VTCM-06	58	58	45,3
VTCM-09	58	58	45,3

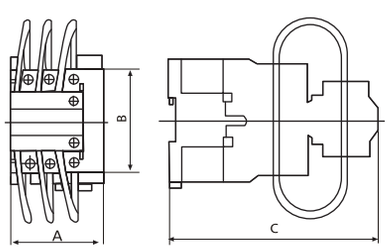
Compensation Contactors - (VCC)



Type			VCC-12	VCC-16	VCC-20	VCC-25	VCC-33	VCC-40	VCC-60
Rated Condenser Power	200/240V	kVAr	6,7	8,5	10,0	15,0	20,0	25,0	40,0
	400/440V		12	16	20,0	25,0	33	40,0	60,0
Thermal Current (Ith)		A	32	40	50	60	80	80	125
Rated Service Current (Ie) AC-6b	400V	A	18	25	32	40	50	65	95
Contact			1NO+1NC	1NO+1NC	1NO+1NC	1NO+2NC	1NO+2NC	1NO+2NC	1NO+2NC
Rated Insulation Voltage (Ui)		V	690						
Coil	Control Voltage (Us)	V	AC(50/60Hz) :24V,48V,110V, 220V,380V				AC(50/60Hz) :24V,48V,110V, 220V,380V		
	Tripping Voltage	V	85%Us-110%Us				85%Us-110%Us		
	Tensile Voltage	V	30%Us-55%Us				30%Us-60%Us		

Note: Voltage fluctuations cause an increase in condensers' rated current flow (İn) by 1.3 times. Depending on the production tolerance -5%~+10%, condenser power can reach up to 1.1 times of the nominal power 1.3*1.1*In=1.43In.
Please be careful while ordering.

Dimensions (mm)

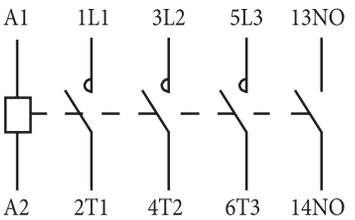


Model	a	b	c
VCC-12	46	66,3	121,5
VCC-20	56	77	135,5
VCC-25	75	75	150
VCC-40	75	95	150
VCC-60	84,5	101,8	157

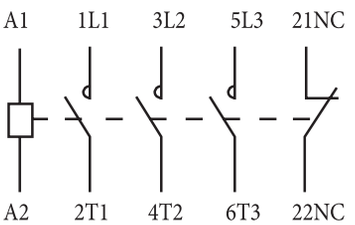
Connection Diagram and Auxiliary Contact Information

With Auxiliary Contact (3 Poles)

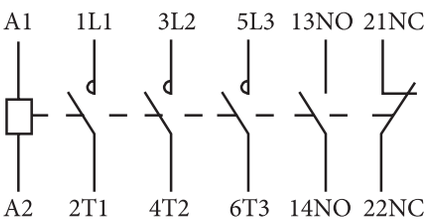
VTC-0910 ~ 3810



VTC 0901 ~ 3801

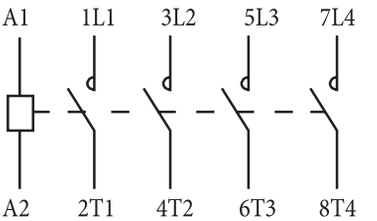


VTC-4011 ~ 9511

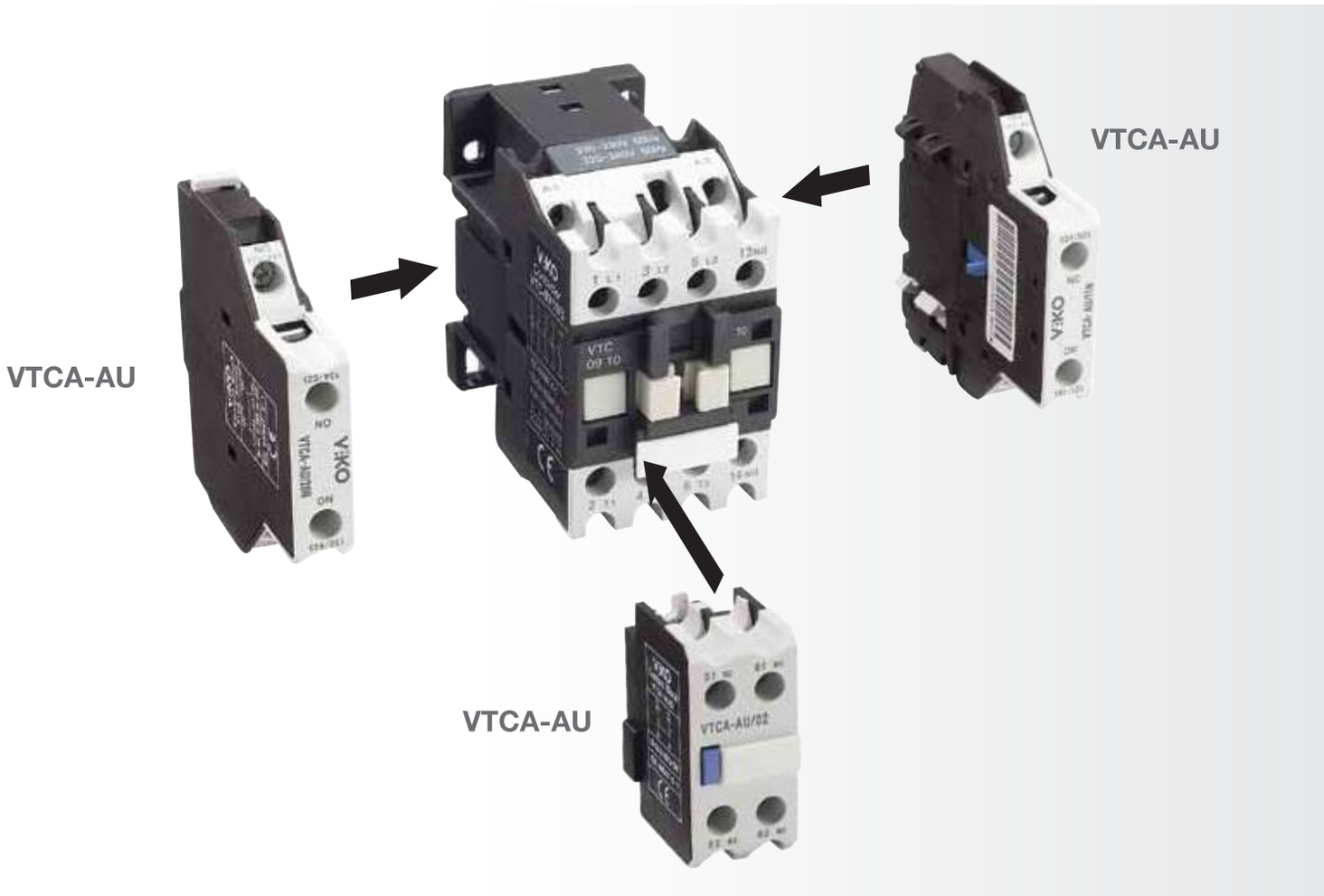


Without Auxiliary Contact (4 Poles)

VTC4-9, 12, 25
VTC4-40 ~ 95



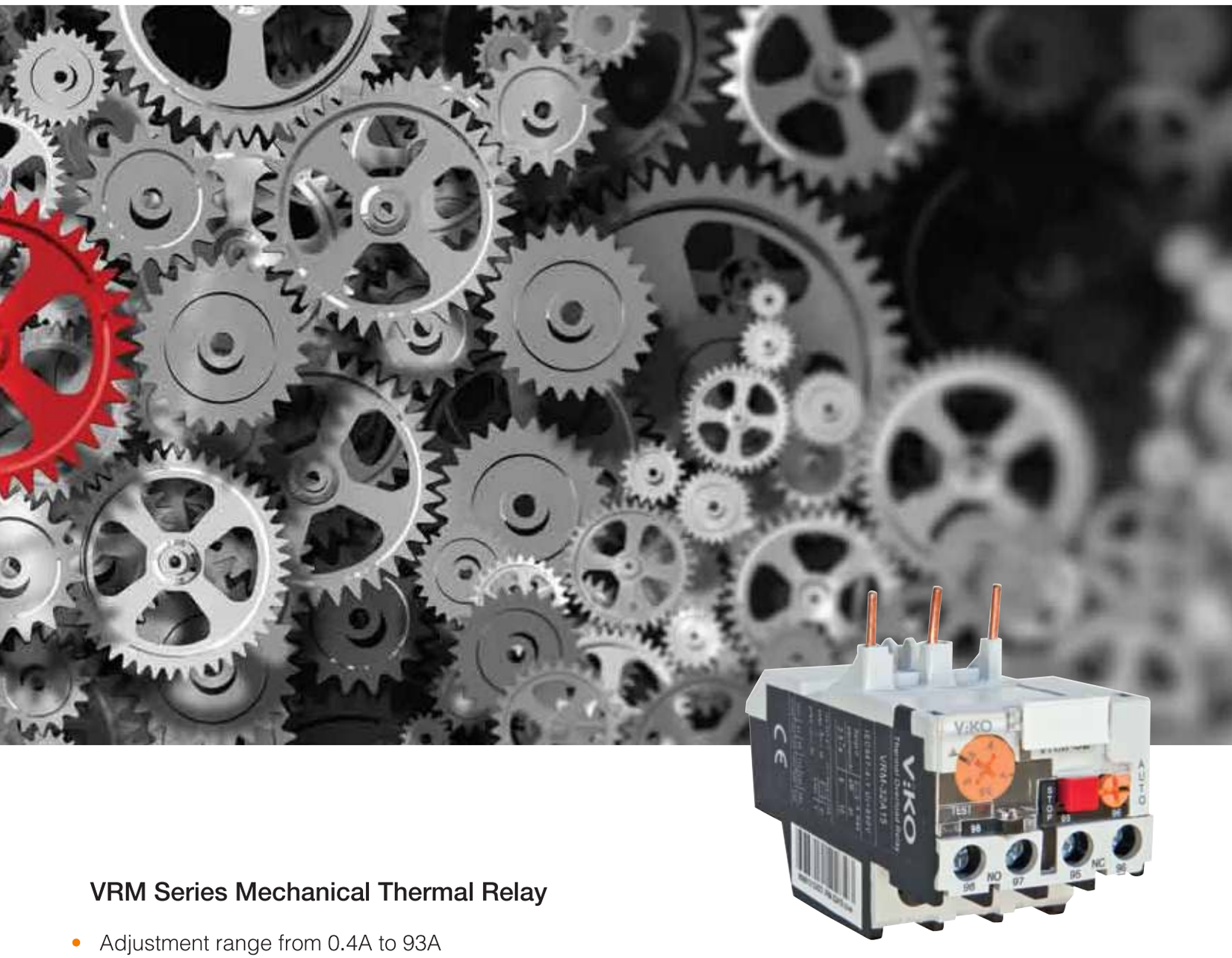
Accessories



Compatible Contactors		VTC - 09 ~ 95	VTC - 115 ~ 330	VTC- 400 ~ 780
Auxiliary Contact Blocks	On top		VTCA-AU/11 (1NO + 1NC)	
			VTCA-AU/31 (3NO + 1NC)	
			VTCA-AU/13 (1NO + 3NC)	
			VTCA-AU/22 (2NO + 2NC)	
			VTCA-AU/20 (2NO)	
			VTCA-AU/02 (2NC)	
	To the side	VTCA-AU/11N (1NO + 1NC)	-	-
Coil	Control Voltage (Us)	AC (50/60Hz) : 24, 48, 110, 220, 380 V	-	-

220-230V 50Hz
220-240V 60Hz
V:KO
Contactor
VTC-32/01/S
IEC 60947-4-1
TS EN 60947-4-1
1 L1
3 L2
5 L3
21 NC
22 NC
2 T1
4 T2
6 T3
V:KO

Superior protection...



VRM Series Mechanical Thermal Relay

- Adjustment range from 0.4A to 93A
- Manual reset option
- Test button, stop button for emergencies
- Easy mounting to and aesthetical harmony with contactors

Thermal Relays

Mechanical Thermal Relay

In case of overload, they are used to prevent damage to engine. They are used with fuses or contactors. When the fuses provide protection at a certain current value, the thermal relays provide protection in the adjustable current interval.

Type	Electromagnetic		
Model	VRM-32A10~ VRM-32A23	VRM-32A24~ VRM-32A25	VRM-95A31~ VRM-95A37
Current Adjustment Range	0.25 ~ 25A	23 ~ 40A	23 ~ 93A
Standard	IEC EN 60947-4-1		
Pole	3P		
Frequency	50 / 60Hz		
Rated Service Voltage (Ue)	380V AC		
Rated Insulation Voltage (Ui)	750V		
Rated Voltage of Impact Resistance (Uimp)	6kV		
Category of Use	AC3		
Operating Temperature	-5°C ~ +40°C		
Auxiliary Contact	1NO-1NC		
Auxiliary Contact Rated Thermal Current (Ith)	5A		
Protection Class	IP20		

Compatible Contactors

Current Adjustment Range	Circuit Breaker Compatible with Selected Type of Relay		Contactor Used	Thermal Relay Reference
	aM	gG		
A	A	A		
0.25 ~ 0.4	1	2	VTC-09~32	VRM-32A10
0.4 ~ 0.63	1	2	VTC-09~32	VRM-32A11
0.63 ~ 1	2	4	VTC-09~32	VRM-32A12
1 ~ 1.6	2	4	VTC-09~32	VRM-32A13
1.6 ~ 2.5	4	6	VTC-09~32	VRM-32A14
2.5 ~ 4	6	10	VTC-09~32	VRM-32A15
4 ~ 6	8	16	VTC-09~32	VRM-32A16
5.5 ~ 8	12	20	VTC-09~32	VRM-32A17
7 ~ 10	12	20	VTC-09~32	VRM-32A18
9 ~ 13	16	25	VTC-09~32	VRM-32A21
12 ~ 18	20	35	VTC-09~32	VRM-32A22
17 ~ 25	25	50	VTC-09~32	VRM-32A23
23 ~ 32	40	63	VTC-25~32	VRM-32A24
30 ~ 40	40	63	VTC-25~32	VRM-32A25
23 ~ 32	40	63	VTC-40~95	VRM-95A31
30 ~ 40	40	100	VTC-40~95	VRM-95A32
37 ~ 50	63	100	VTC-40~95	VRM-95A33
48 ~ 65	63	100	VTC-40~95	VRM-95A34
55 ~ 70	80	125	VTC-40~95	VRM-95A35
63 ~ 80	80	125	VTC-40~95	VRM-95A36
80 ~ 93	100	160	VTC-40~95	VRM-95A37

Accessories

VRMA-MA32

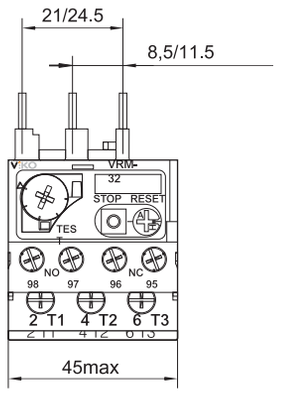
Mounting device compatible with 35 mm DIN rail for VRM32 Series Thermal Relays.

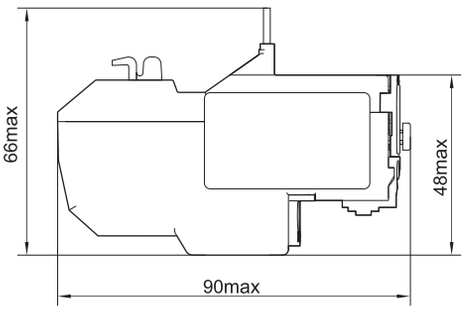
VRMA-MA95

Mounting device compatible with 35 mm DIN rail for VRM95 Series Thermal Relays.

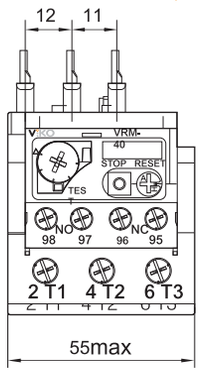
Dimensions (mm)

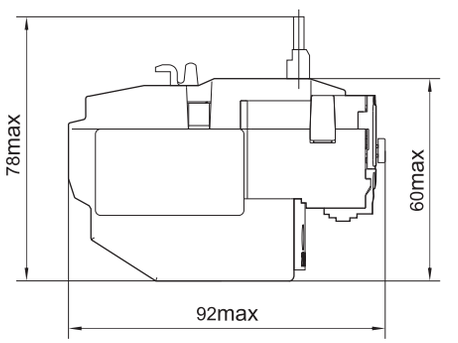
VRM-32A



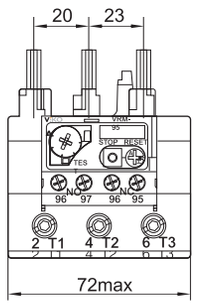


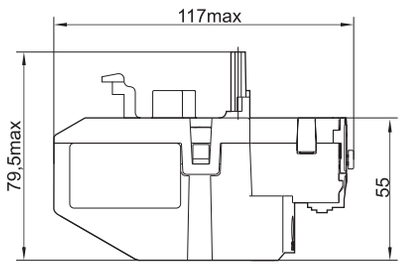
VRM-32A (22-24)



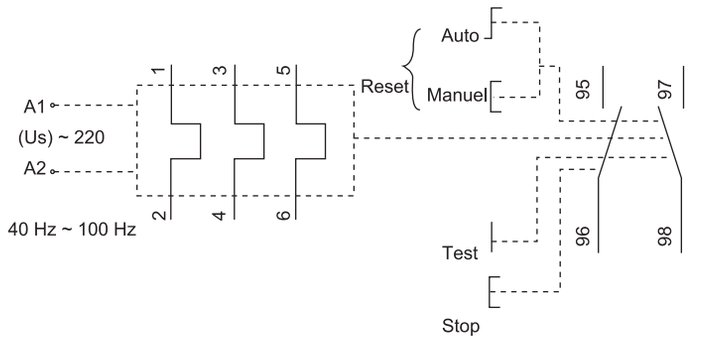


VRM-95A





Connection Diagram



maximum protection, maximum performance...

VMP2 Series

- Overload and short-circuit protection
- Thermal Adjustment field between 0.25-32A
- Sensitive protection against phase loss
- Easy and safe mounting to 35 mm DIN rail
- Great variety of easily mountable accessories
- Protection of electric motors up to 15kW (380/400V)
- High disconnecting capacity 25kA ~ 100 kA (400V/AC)

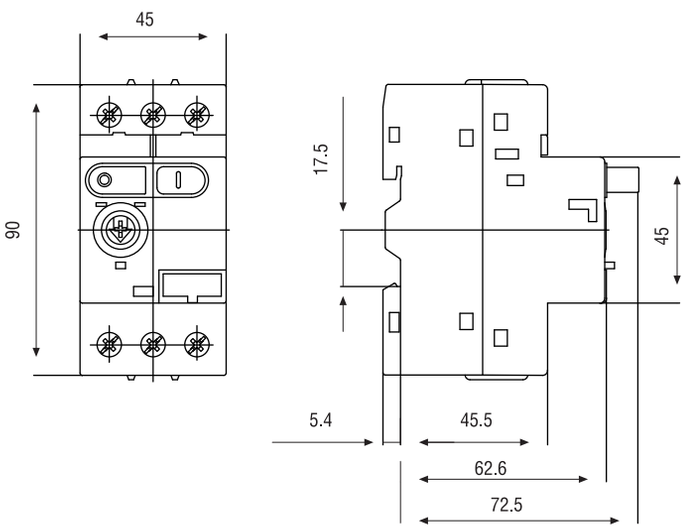
★ Fast connection

Motor Protection Switches

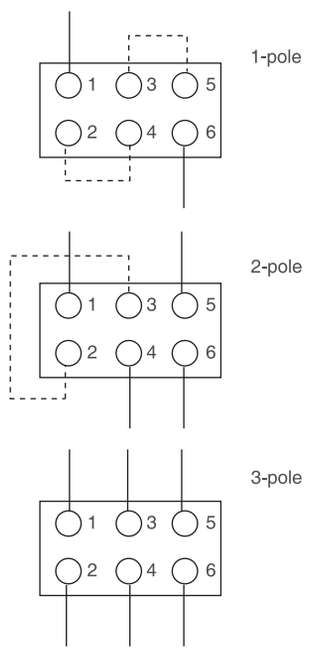
VMP2 Series

Teknik Bilgiler	
Model	**VMP2**
Protection	Thermal - Magnetic
Standard	TS EN 60947-4-1
Thermal Adjustment Field	0.1-0.16; 0.16-0.25; 0.25-0.40; 0.4-0.63; 0.63-1; 1-1.6; 1.6-2.5; 2.5-4; 4-6.3; 6.3-10; 9-14; 13-18; 17-23; 20-27; 25-32
Rated Service Voltage (Ue)	690 V / AC
Thermal Tripping Current Range in case of Overcurrent (I)	1.05 Ir < I < 1.2 Ir Ir : Adjustable Current Value
Magnetic Tripping & Closing	11 In < I < 13 In ±%20 In : Maximum Value of Thermal Adjustment Field
Phase Loss Sensitivity	In conformity with IEC 60947-4-1
Mechanical Endurance	Switchable 100,000 times
Electrical Endurance	Switchable 100,000 times
Operating Temperature	-5 ~ +40 °C
Storage Temperature	-25 ~ +70 °C
Protection Class	IP20
Degree of Contamination	III / 3
Vibration Resistance (as per IEC 68-2-6)	5g (5 to 150 Hz)
Rated Insulation Voltage (Ui)	690 V
Impact Resistance Voltage (Uimp)	6kV
Trip Position (according to IEC/EN 60947-4-1)	10
Connection Section	Hard drawn conductor 0.75...10 mm^2 - Flexible conductor 0.75...6 mm^2
Category of Use (according to IEC/EN 60947-4-1)	AC - 3
Category of Use (according to IEC/EN 60947-2)	A
Power Consumption (P)	2 - 2.5 W

Dimensions (mm)



Connection Diagram



Accessories

Auxiliary Contact Block

Reference	Contact
VMPA-AU2/11N	1NO + 1NC
VMPA-AU2/20N	2NO
VMPA-AU2/10N	1NO
VMPA-AU2/10	1NO (on top)
VMPA-AU2/01	1NO (on top)

Alarm Contact

Reference	Contact
VMPA-W2/10	1NO
VMPA-W2/01	1NC

Under Voltage Coil

Reference	Operating Voltage
VMPA-UVR2S	220/240 V AC

Shunt Release Coil

Reference	Operating Voltage
VMPA-SR2S	220/240 V AC

Signal Lamp

Reference	Description
VMPA-S2W	White
VMPA-S2R	Red
VMPA-S2G	Green

Reference	Description
VMPA-ES2	Emergency Stop Button
VMPA-B2	Protective Box
VMPA-L2	Padlock
VMPA-F2	Plastic Frame
VMPA-NL2	Neutral Conductor Wire
VMPA-FP2	Box Front Face Plate

Selection Table

Reference	Thermal Adjustment Field	Power of Motor					
		1 Faz	3 Phase				
		220V	220V	380V	440V	500V	660V - 690V
		230V	230V	400V			
		240V	240V	415V			
	A			kW			
VMP2-0.40	0.25-0.40		0.06	0.09	0.12	0.09...0.12	0.18
VMP2-0.63	0.40-0.63		0.09	0.12...0.18	0.18	0.18	0.25
VMP2-1	0.63-1.00	0.06...0.09	0.09...0.12	0.18...0.25	0.25...0.37	0.25...0.37	0.37...0.55
VMP2-1.6	1.00-1.60	0.12	0.18...0.25	0.37...0.55	0.37...0.55	0.55...0.75	0.75...1.1
VMP2-2.5	1.60-2.50	0.18...0.25	0.37	0.75	0.75...1.1	1.1	1.5
VMP2-4	2.50-4.00	0.37	0.55...0.75	1.1...1.5	1.5	1.5...2.2	2.2...3
VMP2-6.3	4.00-6.30	0.55...0.75	1.1...1.5	2.2	2.2...3	2.2...3	4
VMP2-10	6.30-10.0	1.1...1.5	1.5...2.2	3...4	4	4...5.5	5.5...7.5
VMP2-14	9.00-14.0	2.2	2.2...3	5.5	5.5...7.5	5.5...7.5	9...11
VMP2-18	13.0-18.0	3	4	7.5	7.5...9	9...11	15
VMP2-23	17.0-23.0		5.5	9...11	11	11	15...18.5
VMP2-27	20.0-27.0		5.5...7.5	11	11	15	18.5...22
VMP2-32	25.0-32.0		7.5	15	15	18.5	22

user friendly design...

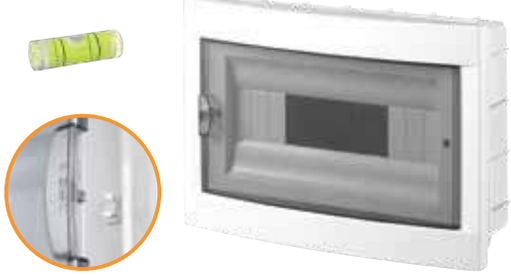
Safety and design have met within VİKO distribution boxes. Sensitive safety thanks to plastic's insulative nature and decorative appearance due to aesthetical lines are together within the VİKO breaker boxes and in life. On the other hand, resisting against heat and impacts thanks to its strong structure, these breaker boxes also meet work comfort expectations in the best possible way with their large inner volume.

Distribution Boxes

VİKO breaker boxes deliver safety with plastic's insulative nature and an aesthetic view with their outstanding design. Meets your expectations thanks to its heat-and-impact-resistant structure and large inner volume which offers a comfortable work.

- Conform to IP40 protection standard.
- Class II; electric shock-protected.
- Temperature range during installation -15°C / + 60°C.
- Flame and fire-resistant up to 650°C.
- Has 180° screw-in covers depending on the place of use.
- Breaker rail is made of galvanized sheet.
- Provides comfort in mounting and working, thanks to its large inner volume.
- Resistant against heat and impacts.
- Grounding terminal and connection accessories are available.
- Halogen-free option.
- Water gauge.

IP40



Terminal

4-Terminal
90910001

6-Terminal
90910002

9-Terminal
90910003

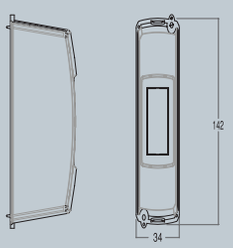
10-Terminal
90910004

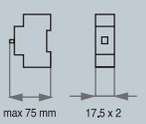
12-Terminal
90910005

Insulated Neutral Earth Terminal - 2x6
90911002

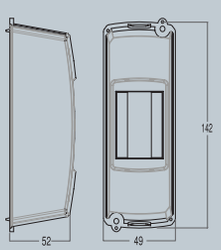
Insulated Neutral Earth Terminal - 2x10
90911005

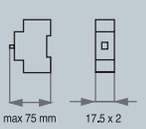
1-Surface Mounted 90914000



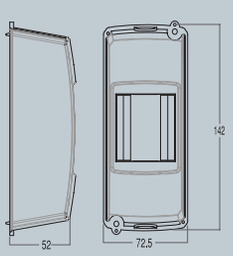


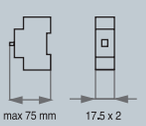
1-2-Surface Mounted 90914001





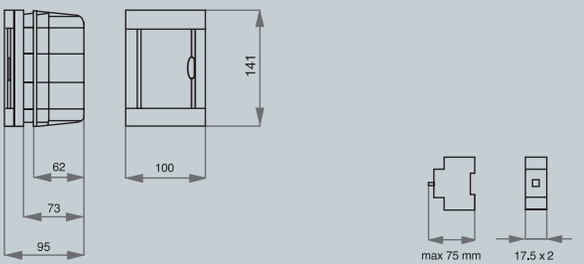
3-4-Surface Mounted 90914003



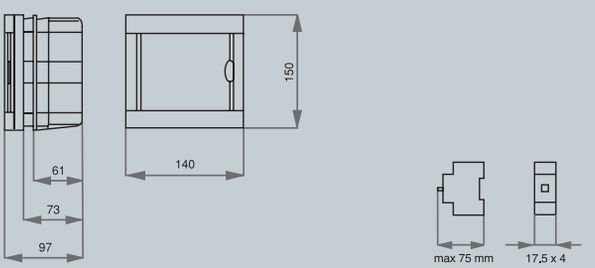


Distribution Boxes

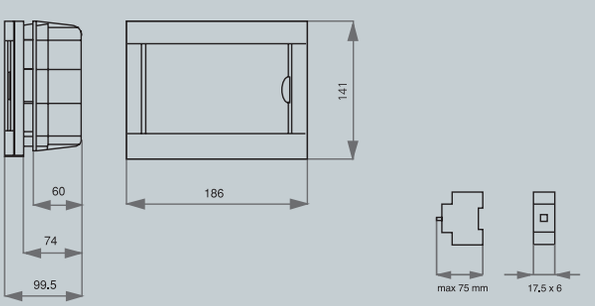
2-Flush Mounted 90912402



4-Flush Mounted 90912404

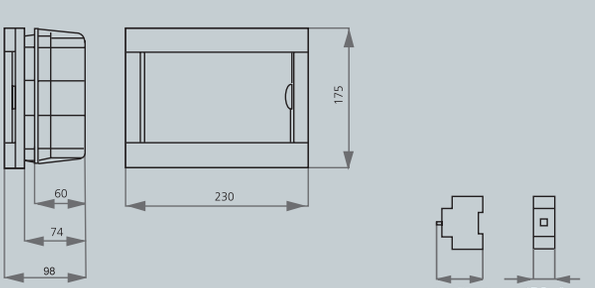


6-Flush Mounted 90912406



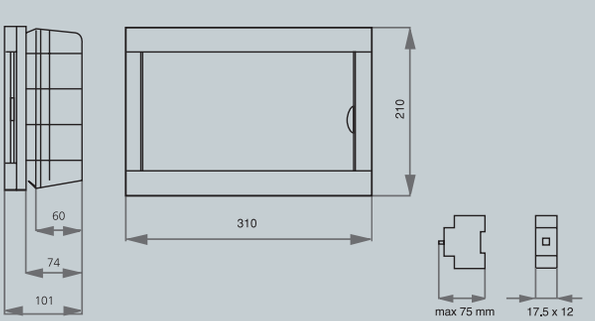
8-Flush Mounted 90912408

Locked cover system.



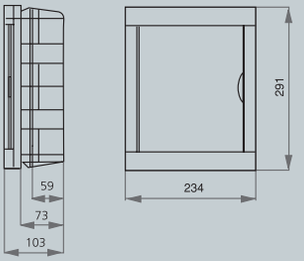
12-Flush Mounted 90912412

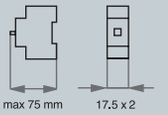
Locked cover system.



16-Flush Mounted 90912416

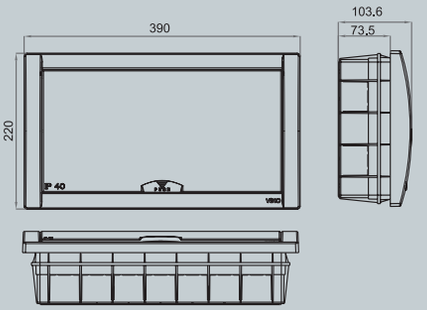
Locked cover system.

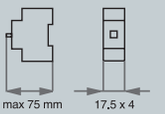




18-Flush Mounted 90912418

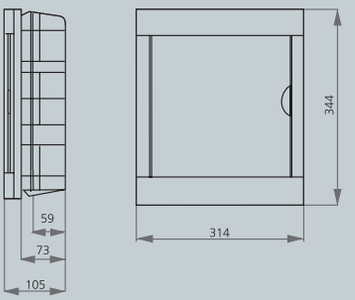
Locked cover system.

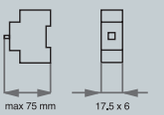




24-Flush Mounted 90912424

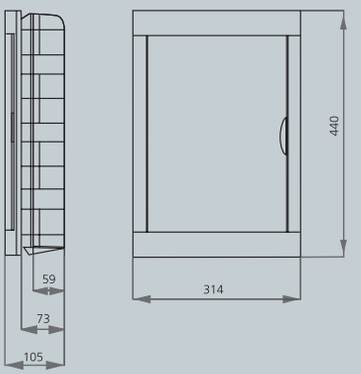
Locked cover system.

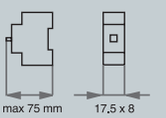




36-Flush Mounted 90912436

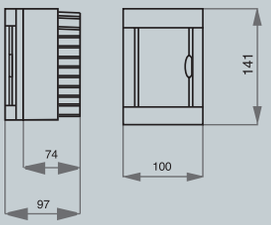
Locked cover system.

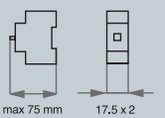




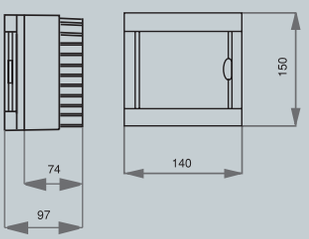
Distribution Boxes

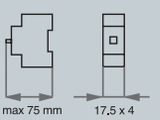
2-Surface Mounted 90912102



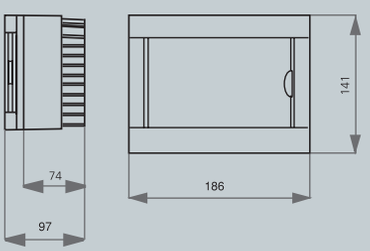


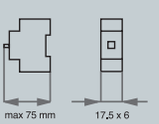
4-Surface Mounted 90912104





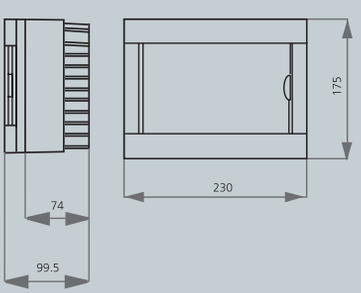
6-Surface Mounted 90912106

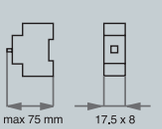




8-Surface Mounted 90912108

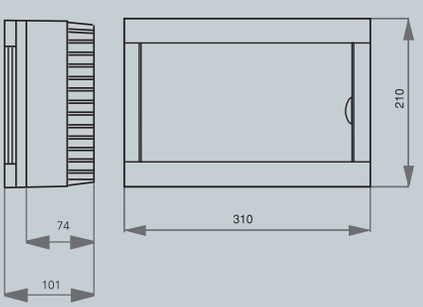
Locked cover system.

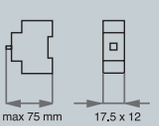




12-Surface Mounted 90912112

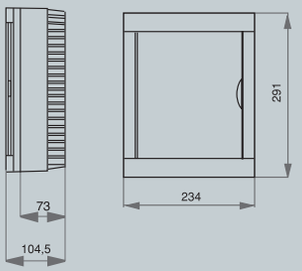
Locked cover system.

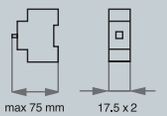




16-Surface Mounted 90912116

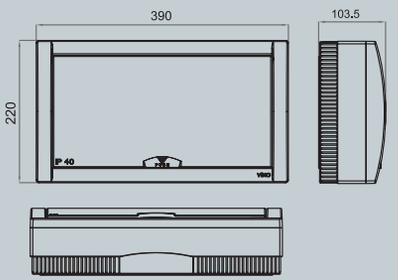
Locked cover system.

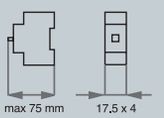




18-Surface Mounted 90912118

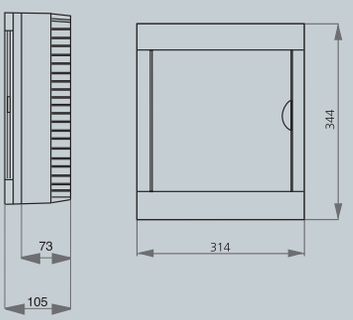
Locked cover system.

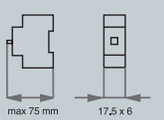




24-Surface Mounted 90912124

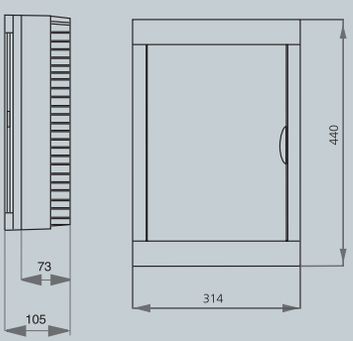
Locked cover system.

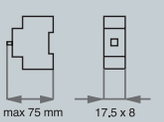




36-Surface Mounted 90912136

Locked cover system.





NOTES

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