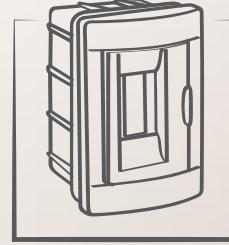
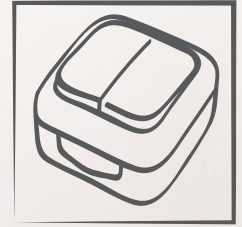
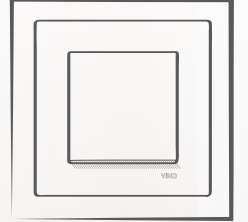
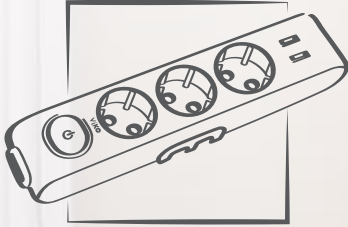
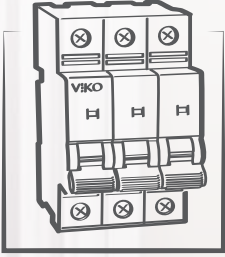
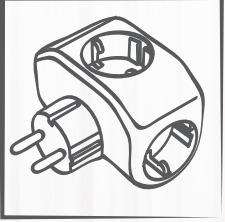


V I K O
G E N E R A L
C A T A L O G U E



Electric Works

Solutions that make life easier...





Panasonic Electric Works Türkiye 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 Electric Works Türkiye, holding VİKO 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 Türkiye.

Panasonic Electric Works Türkiye 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 Electric Works Türkiye; 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 Electric Works Türkiye, 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 Electric Works Türkiye 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”.



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Welcome to the world of solutions





etor



V:KO 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 Surge Protected Group Socket

Electronic devices are protected from the damages arising from sudden over voltages in the electricity grid thanks to Multi-let Surge 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



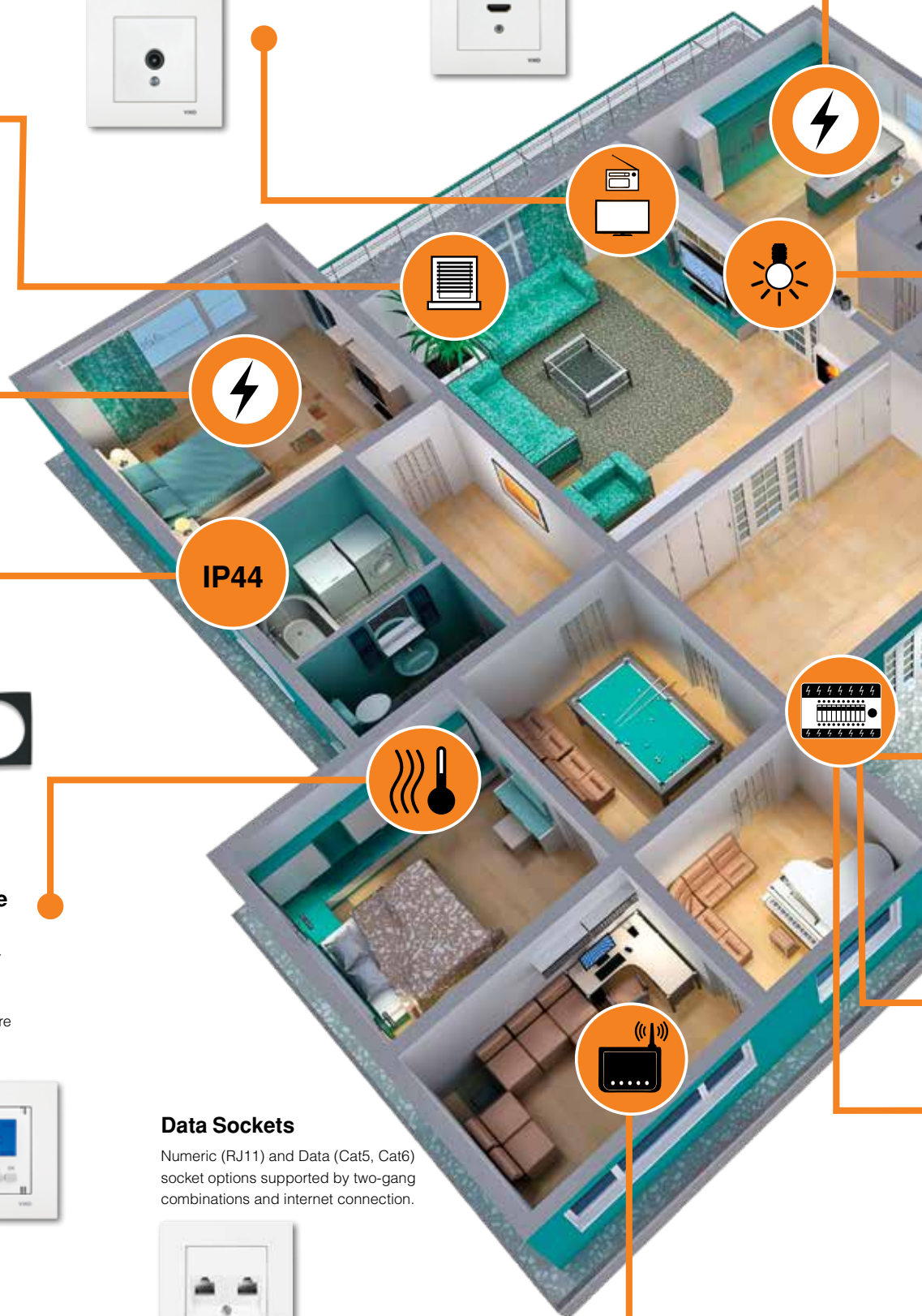
Analog and Programmable Digital Thermostat

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.



USB Charger Socket

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



Surface Mounted Switch and Sockets

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.



DND/MUR 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

USB Sockets bring the most optimal and comfortable charging experience to your living spaces without the need for extra adapters and sockets for our technological devices that we need to charge frequently in our daily lives.

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

Rotatif R Dimmer 40-600W

- 40W - 600W
- Compatibility with R load types
- Overcurrent protection
- Overload protection
- Rotary Control feature

Universal Dimmer 3-150

- Central & Delay Switch functions
- Ability to control from multiple points with light switch
- Compatibility with incandescent, halogen and new generation LED lamps



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	—	—	—	—	•
Universal Dimmer	Universal Dimmer 3-15W	—	•	•	•	•

* Consult Panasonic Electric Works Türkiye for compliance table by LED brands.

Interior details for comfort

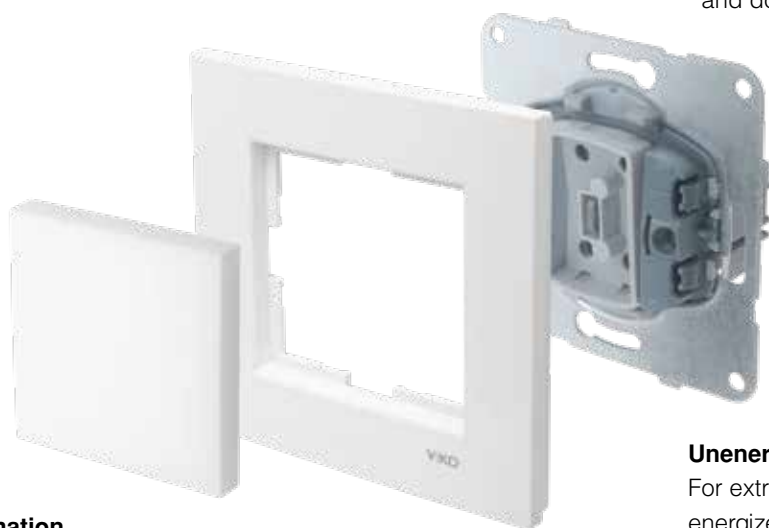


Renewed mechanism

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

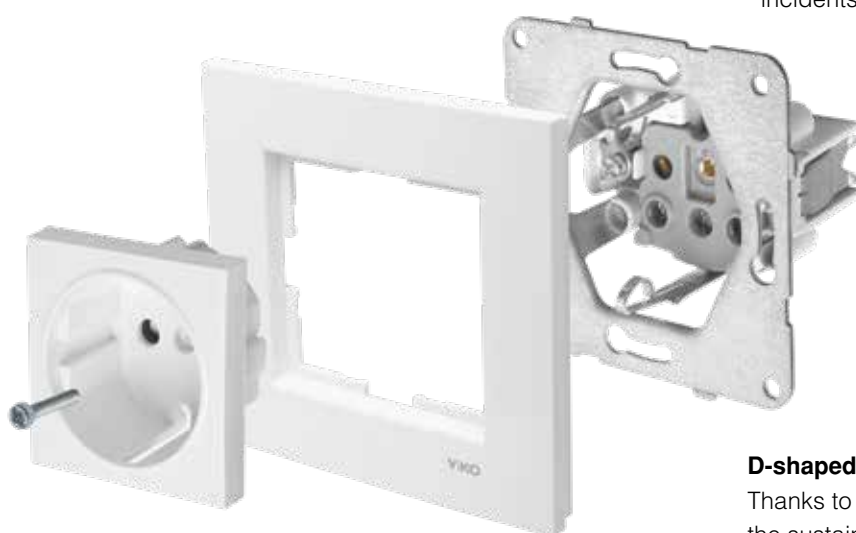
For more security and convenience, it is possible to check phase from the front using a test light after the assembly.

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

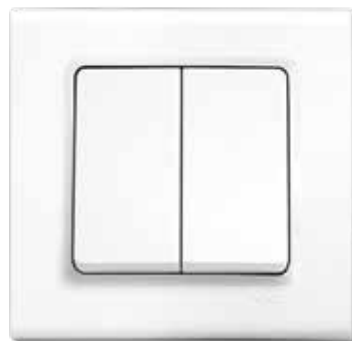


Beige

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.

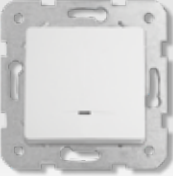


Switch



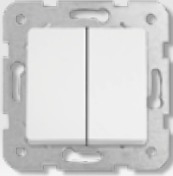
One-Way Switch
9044X001

 
10AX, 250V~
Color 0 1



One-way Switch, Illuminated
9044X019

 
10AX, 250V~
Color 0 1



2-Gang One-way Switch
9044X002

 
10AX, 250V~
Color 0 1



12-Gang One-way Switch, Illuminated
9044X050

 
10AX, 250V~
Color 0 1



Two-way Switch
9044X004

 
10AX, 250V~
Color 0 1



Two-way Switch, Illuminated
9044X063

 
10AX, 250V~
Color 0 1



One-way Push Button
9044X003

 
10AX, 250V~
Color 0 1



Push Button, Illuminated
9044X014

 
10AX, 250V~
Color 0 1



Push Button with Bell Symbol
9044X006

 
10AX, 250V~
Color 0 1



Push Button with Label, Illuminated 24V LED
9044X027

 
10AX, 24V~
Color 0 1



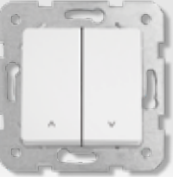
Push Button with Key Symbol
9044X005

 
10AX, 250V~
Color 0 1



Intermediate Switch
9044X031

 
10AX, 250V~
Color 0 1



Shutter Control Switch
9044X016

 
10AX, 250V~
Color 0 1



2-Gang Two-way Switch
9044X017

 
10AX, 250V~
Color 0 1



2-pole Switch
9044X039

 
16AX, 250V~
Color 0 1



2-pole Switch, Illuminated
9044X038

 
16AX, 250V~
Color 0 1



3-Gang One-way Switch
9044X068

 
10AX, 250V~
Color 0 1



Cooler Switch
9044X098


10AX, 250V~
Color 0 1



Double One-way Push Button
9044X083

 
10AX, 250V~
Color 0 1



Double One-way Switch
9044X044

 
10AX, 250V~
Color 0 1



Shutter Control Switch, Single Button
9044X072

 
10AX, 250V~
Color 0 1



Emergency Push Button with Cord
9044X018

 
10AX, 250V~
Color 0 1



Do not Disturb / Make-up Room Switch
9044X088

 
10AX, 250V~
Color 0 1



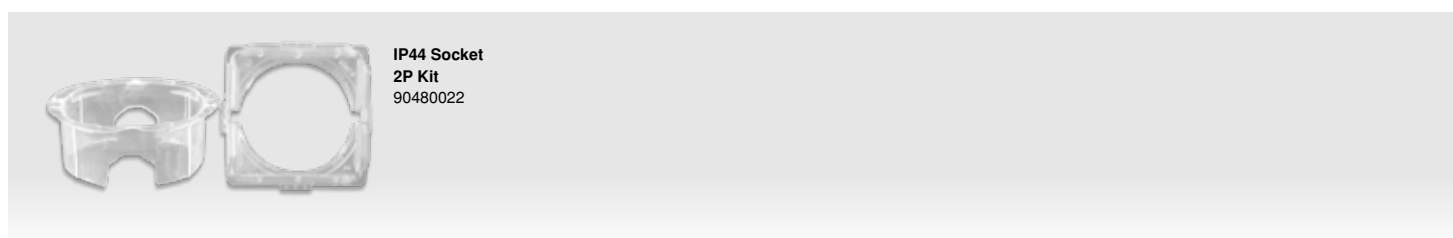
Cable Outlet, Mech.+Cover
9044X077

Color 0 1

Switch



Socket



TV-Data

TV Socket
9044X010 (Terminated)
9044X059
(Through-pass 8dB)
9044X060
(Through-pass 12dB)
9044X049 (Lossless)

Color ○ ○

Satellite Socket with F Connector
9044X096
(Terminated)
9044X097
(Through-pass 10dB)

Color ○ ○

Satellite Socket (TV-SAT)
9044X085 (Terminated)
9044X086
(Through-pass 8dB)
9044X087
(Through-pass 11dB)

Color ○ ○

TV-Radyo Socket
9044X021
(Terminated)
9044X022
(Through-pass 7dB)
9044X024
(Through-pass 12dB)

Color ○ ○

Satellite Socket (SAT-TV-RAD)
9044X041 (Terminated)
9044X052
(Through-pass 13dB)

Color ○ ○

SAT-SAT-TV Socket (SAT-SAT-TV-RAD)
9044X053
(Terminated)

Color ○ ○

Phone Socket (RJ11)
9044X013

Color ○ ○

Data Socket
9044X032
(RJ45 CAT5E)
9044X078
(RJ45 CAT6)

Color ○ ○

Double Phone Socket (2xRJ11)
9044X033

Color ○ ○

Double Data Socket
9044X034
(2xRJ45 CAT5E)
9044X079
(2xRJ45 CAT6)

Color ○ ○

Phone & Data Socket
9044X035
(CAT5-RJ11)
9044X080
(CAT6-RJ11)

Color ○ ○

Double Keystone Socket w/o Connectors
9044X081

Color ○ ○

Dimmer

Rotatif Dimmer R 40-600W
90440047

230V~
Color ○ ○

Pro Dimmer RL 20-500W/VA
9044X040

230V~
Color ○ ○

Pro Dimmer RL 6-100W/VA
9044X094

230V~
Color ○ ○

Pro Dimmer RC 40-400W/VA
9044X092

230V~
Color ○ ○

1-10V Dimmer
9044X095

230V~
Color ○ ○

Multimedia Connectors

Connector for HDMI Connection
9044X028

Color ○ ○

VGA Connector
9044X025
9044X023 (with PCB)

Color ○ ○

USB Connector
9044X026

Color ○ ○

Fiber Optic Connector
9044X029

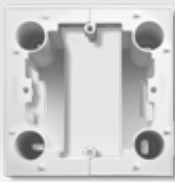
Color ○ ○

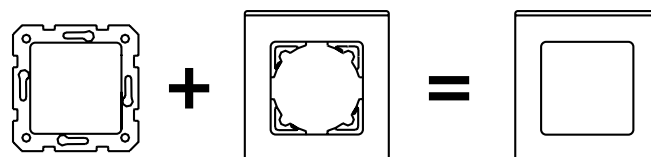
X Code Stands For: 0=White, 1=Beige

Electronic Products

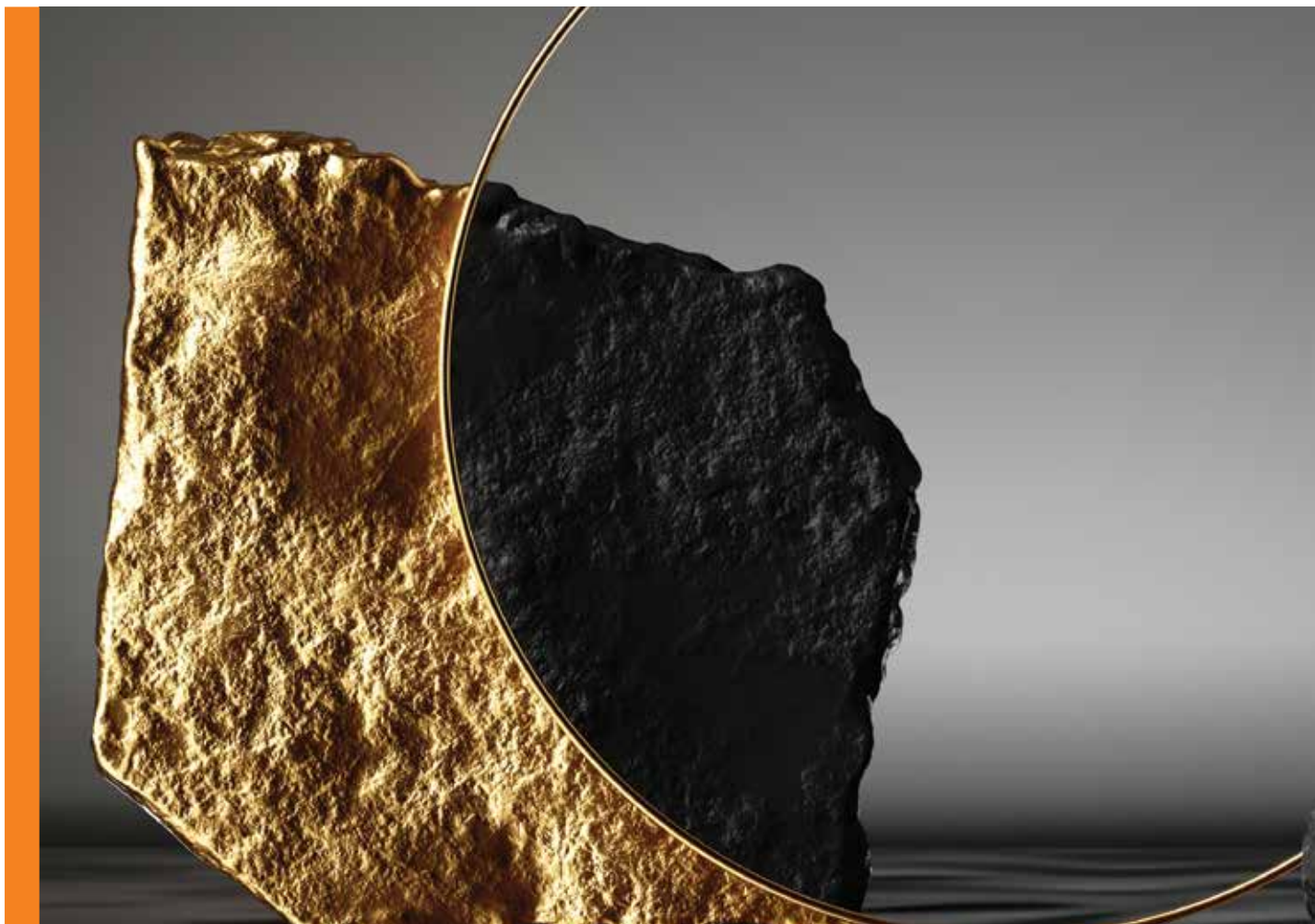
	Energy Saver - 13.56 MHz RFID Multi Protocol (5V DC-) 9044X051		Energy Saver - Mechanic Switch 9044X066 (5V DC-) 9044X067 (230V AC-)		Analog Thermostat 9044X011		Volume Control Switch 9044X054 9044X091 (with Transformer)
Color ○ ○		Color ○ ○		Color ○ ○		Color ○ ○	
	Audio Channel Selection Switch 9044X082		Audio Socket 9044X037		Buzzer 9044X009		Energy Saver Card 90551288
Color ○ ○		Color ○ ○		Color ○ ○			

Frames and Surface Mounting Boxes

	Flush Mounted Frame 9048X007		Single Frame 9048X001 (84 x 84 mm)		2 Gang Frame Horizontal 9048X002 (155 x 84 mm)
Color ○ ○		Color ○ ○		Color ○ ○	
	3 Gang Frame Horizontal 9048X003 (226 x 84 mm)		4 Gang Frame Horizontal 9048X004 (297 x 84 mm)		
Color ○ ○		Color ○ ○			
	Surface Mounting Box 9048X008		5 Gang Frame Horizontal 9048X005 (368 x 84 mm)		
Color ○ ○		Color ○ ○			
	Surface Mounting Box - Coupling Piece 9048X009		6 Gang Frame Horizontal 9048X006 (439 x 84 mm)		
Color ○ ○		Color ○ ○			



Exclusive, authentic and timeless.





Linnera life

Linnera Life stands out in the details of life with its authentic design, exclusive colours and functions that accompany the spirit of time. In addition to the attractive and special Pearl White, Granite Grey and iconic Night Black colour options, the new colour alternatives of Anthracite, Metallic White, Silver and Bronze add their signature to living spaces.

The timeless touch.



Pearl White



Granite Grey



Night Black



Metallic White



Silver



Bronze



Anthracite



Inspired by the beauties of nature, Linnera Life complements decorations in every aspect with Energy Saver, Dimmer and Connector applications.



Switch



One-Way Switch
9044X001

 
10AX, 250V~
Color

○ ● ● ● ● ● ● ●



One-way Switch, Illuminated
9044X019

 
10AX, 250V~
Color

○ ● ● ● ● ● ● ●



2-Gang One-way Switch
9044X002

 
10AX, 250V~
Color

○ ● ● ● ● ● ● ●



2-Gang One-way Switch, Illuminated
9044X050

 
10AX, 250V~
Color

○ ● ● ● ● ● ● ●



Two-way Switch
9044X004

 
10AX, 250V~
Color

○ ● ● ● ● ● ● ●



Two-way Switch, Illuminated
9044X063

 
10AX, 250V~
Color

○ ● ● ● ● ● ● ●



One-way Push Button
9044X003

 
10AX, 250V~
Color

○ ● ● ● ● ● ● ●



Push Button, Illuminated
9044X014

 
10AX, 250V~
Color

○ ● ● ● ● ● ● ●



Push Button with Bell Symbol
9044X006

 
10AX, 250V~
Color

○ ● ● ● ● ● ● ●



Push Button with Label, Illuminated 24V LED
9044X027

 
10AX, 24V~
Color

○ ● ● ● ● ● ● ●



Push Button with Key Symbol
9044X005

 
10AX, 250V~
Color

○ ● ● ● ● ● ● ●



Intermediate Switch
9044X031

 
10AX, 250V~
Color

○ ● ● ● ● ● ● ●



Shutter Control Switch
9044X016

 
10AX, 250V~
Color

○ ● ● ● ● ● ● ●



2-Gang Two-way Switch
9044X017

 
10AX, 250V~
Color

○ ● ● ● ● ● ● ●



2-pole Switch
9044X039

 
16AX, 250V~
Color

○ ● ● ● ● ● ● ●



2-pole Switch, Illuminated
9044X038

 
16AX, 250V~
Color

○ ● ● ● ● ● ● ●



3-Gang One-way Switch
9044X068

 
10AX, 250V~
Color

○ ● ● ● ● ● ● ●



Cooler Switch
9044X098


10AX, 250V~
Color

○ ● ● ● ● ● ● ●



Double One-way Push Button
9044X083

 
10AX, 250V~
Color

○ ● ● ● ● ● ● ●



Double One-way Switch
9044X044

 
10AX, 250V~
Color

○ ● ● ● ● ● ● ●



Shutter Control Switch, Single Button
9044X018

 
10AX, 250V~
Color

○ ● ● ● ● ● ● ●



Emergency Push Button with Cord
9044X072

 
10AX, 250V~
Color

○ ● ● ● ● ● ● ●



Do not Disturb / Make-up Room Switch
9044X088

 
10AX, 250V~
Color

○ ● ● ● ● ● ● ●

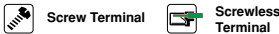


Cable Outlet, Mech.+Cover
9044X077

Color

○ ● ● ● ● ● ● ●

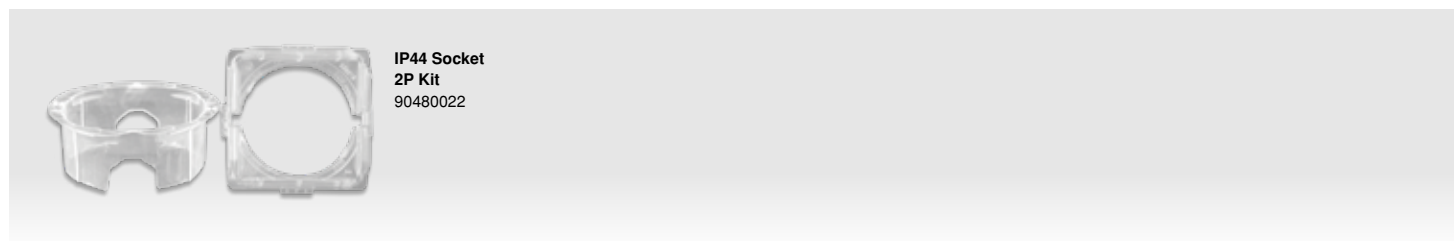
X Code X stands for: 2= Granite Grey, 3= Pearl White, 4= Night Black, 5= Anthracite, 6= Bronze, 7= Silver, 8= Metallic White



Switch



Socket



TV-Data

TV Socket
9044X010 (Terminated)
9044X059
(Through-pass 8dB)
9044X060
(Through-pass 12dB)
9044X049 (Lossless)

Color
●●●●●●●●

Satellite Socket with F Connector
9044X096
(Terminated)
9044X097
(Through-pass 10dB)

Color
●●●●●●●●

Satellite Socket (TV-SAT)
9044X085 (Terminated)
9044X086
(Through-pass 8dB)
9044X087
(Through-pass 11dB)

Color
●●●●●●●●

TV-Radio Socket
9044X021 (Terminated)
9044X022
(Through-pass 7dB)
9044X024
(Through-pass 12dB)

Color
●●●●●●●●

Satellite Socket (SAT-TV-RAD)
9044X041 (Terminated)
9044X052
(Through-pass 13dB)

Color
●●●●●●●●

SAT-SAT-TV Socket (SAT-SAT-TV-RAD)
9044X053
(Terminated)

Color
●●●●●●●●

Phone Socket (RJ11)
9044X013

Color
●●●●●●●●

Data Socket
9044X032
(RJ45 CAT5E)
9044X078
(RJ45 CAT6)

Color
●●●●●●●●

Double Phone Socket (2xRJ11)
9044X033

Color
●●●●●●●●

Double Data Socket
9044X034
(2xRJ45 CAT5E)
9044X079
(2xRJ45 CAT6)

Color
●●●●●●●●

Phone & Data Socket
9044X035
(CAT5-RJ11)
9044X080
(CAT6-RJ11)

Color
●●●●●●●●

Double Keystone Socket w/o Connectors
9044X081

Color
●●●●●●●●

Dimmer

Rotatif Dimmer R 40-600W
90440047

230V~
Color
●●●●●●●●

Pro Dimmer RL 20-500W/VA
9044X040

230V~
Color
●●●●●●●●

Pro Dimmer RL 6-100W/VA
9044X094

230V~
Color
●●●●●●●●

Pro Dimmer RC 40-400W/VA
9044X092

230V~
Color
●●●●●●●●

1-10V Dimmer
9044X095

230V~
Color
●●●●●●●●

Multimedia Connectors

Connector for HDMI Connection
9044X028

Color
●●●●●●●●

VGA Connector
9044X025
9044X023 (PCB'li)

Color
●●●●●●●●

USB Connector
9044X026

Color
●●●●●●●●

Fiber Optic Connector
9044X029

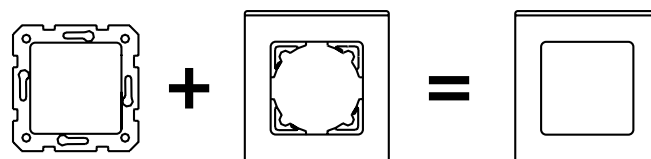
Color
●●●●●●●●

X Code X stands for: 2= Granite Grey, 3= Pearl White, 4= Night Black, 5= Anthracite, 6= Bronze, 7= Silver, 8= Metallic White

Electronic Products



Frames and Surface Mounting Boxes



Moderate and consistent in all aspects





rollina

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

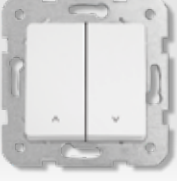
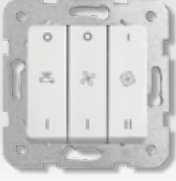
Offering white and beige color options in its switch and socket products with its own special lines, Rollina accompanies furniture and other household accessories. It does not mislead those who prefer it in making dreams of designs come true. It offers suitable options according to the place of use with 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 9044X001 10AX, 250V~ Color 0 0	 One-way Switch, Illuminated 9044X019 10AX, 250V~ Color 0 0	 2-Gang One-way Switch 9044X002 10AX, 250V~ Color 0 0	 2-Gang One-way Switch, Illuminated 9044X050 10AX, 250V~ Color 0 0
 Two-way Switch 9044X004 10AX, 250V~ Color 0 0	 Two-way Switch, Illuminated 9044X063 10AX, 250V~ Color 0 0	 One-way Push Button 9044X003 10AX, 250V~ Color 0 0	 Push Button, Illuminated 9044X014 10AX, 250V~ Color 0 0
 Push Button with Bell Symbol 9044X006 10AX, 250V~ Color 0 0	 Push Button with Label, Illuminated 24V LED 9044X027 10AX, 24V~ Color 0 0	 Push Button with Key Symbol 9044X005 10AX, 250V~ Color 0 0	 Intermediate Switch 9044X031 10AX, 250V~ Color 0 0
 Shutter Control Switch 9044X016 10AX, 250V~ Color 0 0	 2-Gang Two-way Switch 9044X017 10AX, 250V~ Color 0 0	 2-Pole Switch 9044X039 16AX, 250V~ Color 0 0	 2-Pole Switch, Illuminated 9044X038 16AX, 250V~ Color 0 0
 3-Gang One-way Switch 9044X068 10AX, 250V~ Color 0 0	 Cooler Switch 9044X098 10AX, 250V~ Color 0 0	 Double One-way Push Button 9044X083 10AX, 250V~ Color 0 0	 Double One-way Switch 9044X044 10AX, 250V~ Color 0 0
 Shutter Control Switch, Single Button 9044X072 10AX, 250V~ Color 0 0	 Emergency Push Button with Cord 9044X018 10AX, 250V~ Color 0 0	 Do not Disturb / Make-up Room Switch 9044X088 10AX, 250V~ Color 0 0	 Cable Outlet, Mech.+Cover 9044X077 Color 0 0

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



Screw Terminal

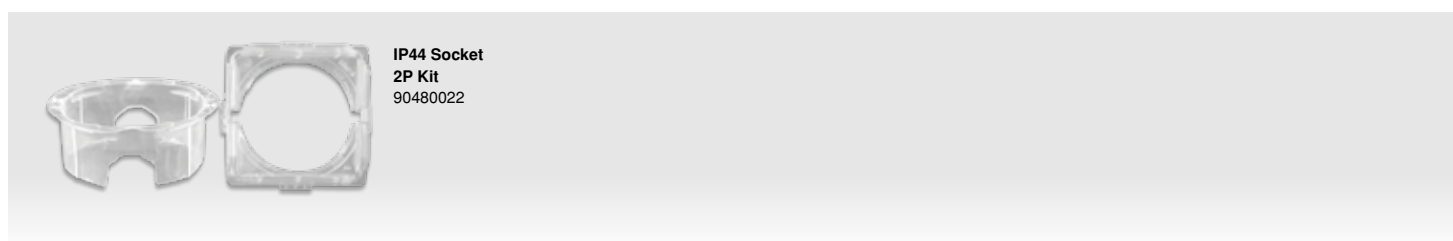


Screwless Terminal

Switch



Socket



Rollina

TV-Data

 TV Socket 9044X010 (Terminated) 9044X059 (Through-pass 8dB) 9044X060 (Through-pass 12dB) 9044X049 (Lossless)  Color ○ ○	 Satellite Socket with F Connector 9044X096 (Terminated) 9044X097 (Through-pass 10dB)  Color ○ ○	 Satellite Socket (TV-SAT) 9044X085(Terminated) 9044X086 (Through-pass 8dB) 9044X087 (Through-pass 11dB)  Color ○ ○	 TV-Radio Socket 9044X021(Terminated) 9044X022 (Through-pass 7dB) 9044X024 (Through-pass 12dB)  Color ○ ○
 Satellite Socket (SAT-TV-RAD) 9044X041(Terminated) 9044X052 (Through-pass 13dB)  Color ○ ○	 SAT-SAT-TV Socket (SAT-SAT-TV-RAD) 9044X053 (Terminated)  Color ○ ○	 Phone Socket (RJ11) 9044X013  Color ○ ○	 Data Socket 9044X032 (RJ45 CAT5E) 9044X078 (RJ45 CAT6)  Color ○ ○
 Double Phone Socket (2xRJ11) 9044X033  Color ○ ○	 Double Data Socket 9044X034 (2xRJ45 CAT5E) 9044X079 (2xRJ45 CAT6)  Color ○ ○	 Phone & Data Socket 9044X035 (CAT5-RJ11) 9044X080 (CAT6-RJ11)  Color ○ ○	 Double Keystone Socket w/o Connectors 9044X081  Color ○ ○

Dimmer

 Rotatif Dimmer R 40-600W 90440047  230V~ Color ○ ○	 Pro Dimmer RL 20-500W/VA 9044X040  230V~ Color ○ ○	 Pro Dimmer RL 6-100W/VA 9044X094  230V~ Color ○ ○	 Pro Dimmer RC 40-400W/VA 9044X092  230V~ Color ○ ○
 1-10V Dimmer 9044X095  230V~ Color ○ ○			

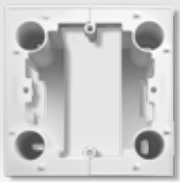
Multimedia Connectors

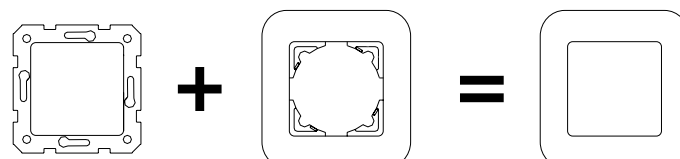
 Connector for HDMI Connection 9044X028  Color ○ ○	 VGA Connector 9044X025 9044X023 (with PCB)  Color ○ ○	 USB Connector 9044X026  Color ○ ○	 Fiber Optic Connector 9044X029  Color ○ ○
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Electronic Products

 Energy Saver - 13.56 MHz RFID Multi Protocol (5V DC-) 9044X051 Color ○ ○	 Energy Saver - Mechanic Switch 9044X066 (5V DC-) 9044X067 (230V AC-) Color ○ ○	 Analog Thermostat 9044X011 Color ○ ○	 Volume Control Switch 9044X054 9044X091 (with Emergency Announcement Transformer) Color ○ ○
 Audio Channel Selection Switch 9044X082 Color ○ ○	 Audio Socket 9044X037 Color ○ ○	 Buzzer 9044X009 Color ○ ○	 Energy Saver Card 90551288

Frames and Surface Mounting Boxes

 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 ○ ○	
 Surface Mounting Box 9048X008 Color ○ ○	 5 Gang Frame Horizontal 9048X055 (368 x 86 mm) Color ○ ○	
 Surface Mounting Box - Coupling Piece 9048X009 Color ○ ○	 6 Gang Frame Horizontal 9048X056 (437 x 86 mm) Color ○ ○	



Minimal elegance





karre

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

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



Beige

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 its wide product range including switches, sockets and thermostat options.



Switch

 One-Way Switch 90967X01 10AX, 250V~ Color ○ ○	 One-way Switch, Illuminated 90967X19 10AX, 250V~ Color ○ ○	 2-Gang One-way Switch 90967X02 10AX, 250V~ Color ○ ○	 2-Gang One-way Switch, Illuminated 90967X50 10AX, 250V~ Color ○ ○
 Two-way Switch 90967X04 10AX, 250V~ Color ○ ○	 Two-way Switch, Illuminated 90967X63 10AX, 250V~ Color ○ ○	 One-way Push Button 90967X03 10AX, 250V~ Color ○ ○	 Push Button, Illuminated 90967X14 10AX, 250V~ Color ○ ○
 Push Button with Bell Symbol 90967X06 10AX, 250V~ Color ○ ○	 Push Button with Label, Illuminated 24V LED 90967X27 10AX, 24V~ Color ○ ○	 Push Button with Key Symbol 90967X05 10AX, 250V~ Color ○ ○	 Intermediate Switch 90967X31 10AX, 250V~ Color ○ ○
 Shutter Control Switch 90967X16 10AX, 250V~ Color ○ ○	 2-Gang Two-way Switch 90967X17 10AX, 250V~ Color ○ ○	 2-pole Switch 90967X39 16AX, 250V~ Color ○ ○	 2-pole Switch, Illuminated 90964674 (White) 90964774 (Beige) 16AX, 250V~ Color ○ ○
 3-Gang One-way Switch 90967X68 10AX, 250V~ Color ○ ○	 Cooler Switch 90967X98 10AX, 250V~ Color ○ ○	 Double One-way Push Button 90967X83 10AX, 250V~ Color ○ ○	 Double One-way Switch 90967X44 10AX, 250V~ Color ○ ○
 Shutter Control Switch, Single Button 90967X72 10AX, 250V~ Color ○ ○	 Emergency Push Button with Cord 90967X18 10AX, 250V~ Color ○ ○	 Do not Disturb / Make-up Room Switch 90967X88 10AX, 250V~ Color ○ ○	 Cable Outlet, Mech.+Cover 90967X77 Color ○ ○

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



Screw Terminal



Screwless Terminal

Switch



Blank Cover
90967Z20

Color ○ ○

Socket



Socket 2P+E
90967X08



16A, 250V~
Color ○ ○



**Socket 2P+E
Safety Shutter**
90967X42



16A, 250V~
Color ○ ○



**Socket 2P+E
with Lid
Safety Shutter**
90967X12



16A, 250V~
Color ○ ○



**Socket 2P+E
(French Standard)
Safety Shutter**
90967X45



16A, 250V~
Color ○ ○



**Socket 2P+E with Lid
(French Standard)
Safety Shutter**
90967X70



16A, 250V~
Color ○ ○



**Socket 2P+E with
Lid and Label Holder
Safety Shutter**
90967Z13



16A, 250V~
Color ○ ○



**Double Socket
2P+E**
90967X56



16A, 250V~
Color ○ ○



**Double Socket
2P+E**
90960Y56



16A, 250V~
Color ○ ○



**Double Socket 2P+E
Safety Shutter**
90967X58



16A, 250V~
Color ○ ○



**Double Socket 2P+E
Safety Shutter**
90960Y58



16A, 250V~
Color ○ ○



**Double Socket 2P+E
(French Standard)
Safety Shutter**
90967X57



16A, 250V~
Color ○ ○



**Shockproof Grounded
Socket 5V-2A with
2 USB (Complete)**
90961Y82

Color ○ ○



**USB Charger
Socket- 5V 2A**
90967Z01

Color ○ ○

TV-Data



TV Socket
90967X10 (Terminated)
90967X59
(Through-pass 8dB)
90967X60
(Through-pass 12dB)
90967X49 (Lossless)

Color ○ ○



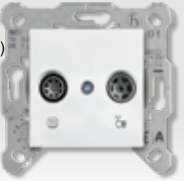
Satellite Socket with F Connector
90967X09 (Terminated)
90967X38
(Through-pass 10dB)

Color ○ ○



Satellite Socket (TV-SAT)
90967X85 (Terminated)
90967X86
(Through-pass 8dB)
90967X87
(Through-pass 11dB)

Color ○ ○



TV-Radio Socket
90967X21 (Terminated)
90967X22
(Through-pass 7dB)
90967X24
(Through-pass 12dB)

Color ○ ○



Satellite Socket (SAT-TV-RAD)
90967X41
(Terminated)
90967X52
(Throughpass 13dB)

Color ○ ○



iSAT-SAT-TV Socket (SAT-SAT-TV)
90967X53
(Terminated)

Color ○ ○



Phone Socket (RJ11)
90967X13
90967X48 (lossless)

Color ○ ○



Data Socket
90967X32
(RJ45 CAT5E)
90967X78
(RJ45 CAT6)

Color ○ ○



Double Phone Socket (2xRJ11)
90967X33

Color ○ ○



Double Data Socket
90967X34
(2xRJ45 CAT5E)
90967X79
(2xRJ45 CAT6)

Color ○ ○



Phone & Data Socket
90967X35
(CAT5E-RJ11)
90967X81
(CAT6-RJ11)

Color ○ ○



Double Keystone Socket w/o Connectors
90967X62
Color ○ ○

Dimmer



Rotatif Dimmer R 40-600W
90967X47

230V~
Color ○ ○



Pro Dimmer RL 20-500W/VA
90967Z40

230V~
Color ○ ○



Pro Dimmer RL 6-100W/VA
90967Z29

230V~
Color ○ ○



Pro Dimmer RC 40-400W/VA
90967Z42

230V~
Color ○ ○



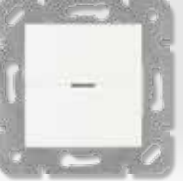
Pro Dimmer RLC 20-350W/VA
90967Z43

230V~
Color ○ ○



1-10V Dimmer
90967X84

230V~
Color ○ ○



Universal Dimmer 3-150W
90967Z38

230V~
Color ○ ○

Multimedia Connectors



Connector for HDMI Connection
90967Z68

Color ○ ○



VGA Connector
90967Z66
90967Z64 (PCB"II")

Color ○ ○



USB Connector
90967Z67

Color ○ ○

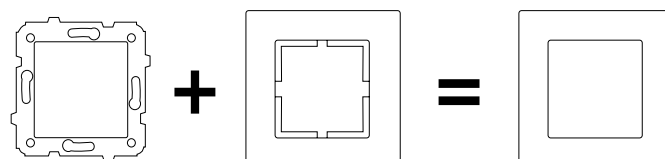


Fiber Optic Connector
90967X23
Color ○ ○

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

Electronic Products

 Flush Mounted Thermostat with Sensor 90961T75 (UF) 90961T76 (UF-E)  Color ○ ○	 Room Thermostat 90967Z30 90961Y71 (Heating-Cooling)  Color ○ ○	 Programmable Room Thermostat 90967Z32 90961Y70 (Heating-Cooling)  Color ○ ○	 Programmable Shutter Control 90967Z33  Color ○ ○
 Motion Detector 90961Y73 (3Wire 180°) 90961Y72 (2Wire 180°)  Color ○ ○	 RFID Energy Saver 90967Z16  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 90967Z06  Color ○ ○	 Energy Saver Card 90551288

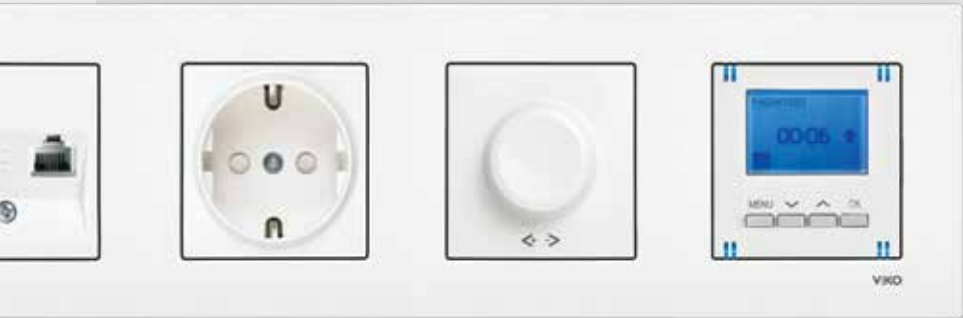




6 Gang Frame Vertical
909602D5
(81 x 438 mm)
Color ○ ○



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

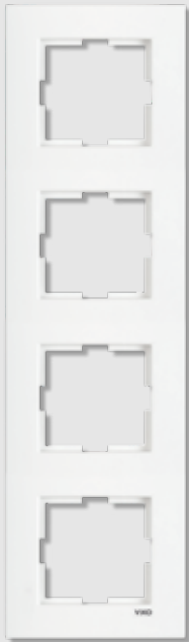


Surface Mounting Box, Single
909690Y3
Color ○ ○



Surface Mounting Box, Double
909690Y4
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 ○ ○



Flush Mounted Frame
909602Y6

Color ○ ○



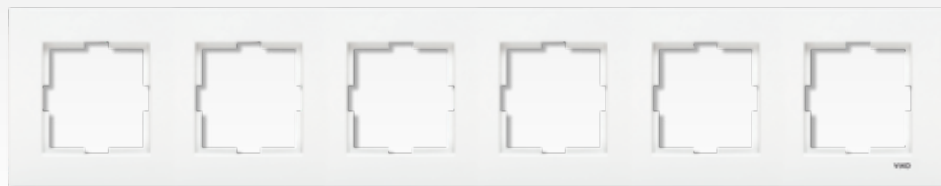
4 Gang Frame Horizontal
909602Y3
(296 x 81 mm)

Color ○ ○



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

Color ○ ○



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

Color ○ ○

FEEL HYGIENE AND HEALTH
EVERYWHERE WITH
KARRE CLEAN



karre *clean*★

Karre Clean does not retain bacteria on its surface and provides protection against bacteria with silver (Ag+) ions. It inhibits the growth of microorganisms, thus offering more hygienic, surfaces resistant to light and temperature.

karre *clean* ✨

Switch

 One-Way Switch 90966X01 10AX, 250V~ Color ○ ○	 One-way Switch, Illuminated 90966X19 10AX, 250V~ Color ○ ○	 2-Gang One-way Switch 90966X02 10AX, 250V~ Color ○ ○	 2-Gang One-way Switch, Illuminated 90966X50 10AX, 250V~ Color ○ ○
 Two-way Switch 90966X04 10AX, 250V~ Color ○ ○	 Two-way Switch, Illuminated 90966X63 10AX, 250V~ Color ○ ○	 One-way Push Button 90966X03 10AX, 250V~ Color ○ ○	 Push Button, Illuminated 90966X14 10AX, 250V~ Color ○ ○
 Push Button with Bell Symbol 90966X06 10AX, 250V~ Color ○ ○	 Push Button with Label, Illuminated 24V LED 90966X27 10AX, 24V~ Color ○ ○	 Push Button with Key Symbol 90966X05 10AX, 250V~ Color ○ ○	 Intermediate Switch 90966X31 10AX, 250V~ Color ○ ○
 Shutter Control Switch 90966X16 10AX, 250V~ Color ○ ○	 2-Gang Two-way Switch 90966X17 10AX, 250V~ Color ○ ○	 2-pole Switch 90966X39 16AX, 250V~ Color ○ ○	 2-pole Switch, Illuminated 90966X74 16AX, 250V~ Color ○ ○
 3-Gang One-way Switch 90966X68 10AX, 250V~ Color ○ ○	 Cooler Switch 90966X98 10AX, 250V~ Color ○ ○	 Double One-way Push Button 90966X83 10AX, 250V~ Color ○ ○	 Emergency Push Button with Cord 90966X18 10AX, 250V~ Color ○ ○
 Double One-way Switch 90966X44 10AX, 250V~ Color ○ ○	 Shutter Control Switch, Single Button 90966X72 10AX, 250V~ Color ○ ○	 Do not Disturb / Make-up Room Switch 90966X88 10AX, 250V~ Color ○ ○	

X Code Stands For: 0= White, 3= Beige
Y Code Stands For: 2= White, 5= Beige
Z Code Stands For: 4= White, 7= Beige

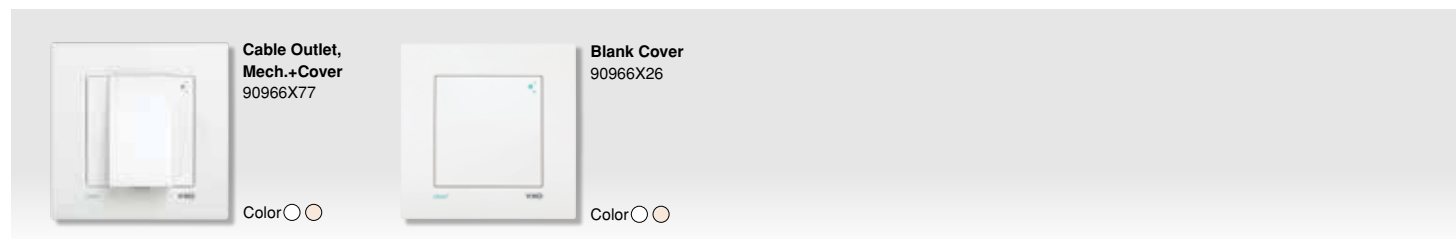


Screw Terminal

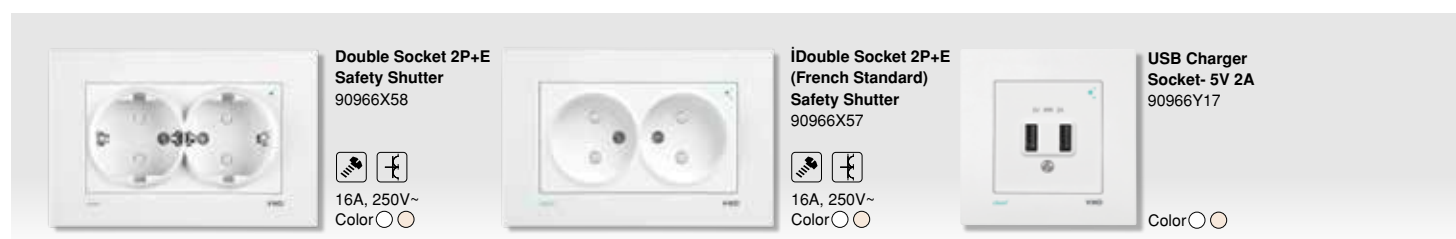
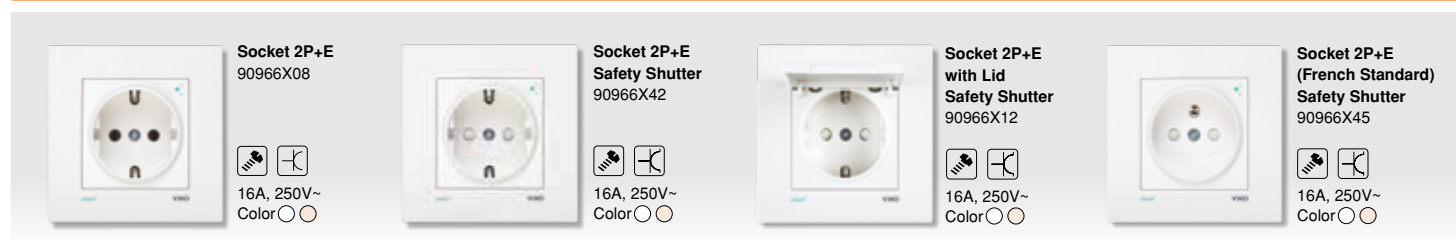


Screwless Terminal

Switch



Socket



Karre Clean

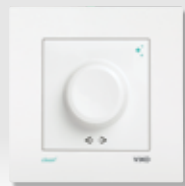
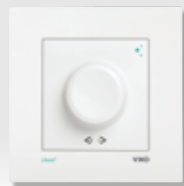
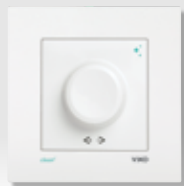
TV-Data

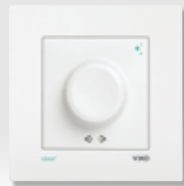
 TV Socket 90966X10 (Terminated) 90966X59-60 (Through-pass 8-12dB) 90966X49 (Lossless)  TV Color 	 Satellite Socket with F Connector 90966X09 (Terminated) 90966X38 (Through-pass 10dB)  SAT Color 	 Satellite Socket (TV-SAT) 90966X85 (Terminated) 90966X86-87 (Through-pass 8-11dB)  TV-SAT Color 	 TV-Radio Socket 90966X21 (Terminated) 90966X22-24 (Through-pass 7-12dB)  TV-RAD Color
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 Satellite Socket (SAT-TV-RAD) 90966X41 (Terminated) 90966X52 (Throughpass 13dB)  SAT-TV-RAD Color 	 SAT-SAT-TV Socket (SAT-SAT-TV) 90966X53 (Terminated)  SAT-SAT-TV Color 	 Phone Socket (RJ11) 90966X13 90966X48 (lossless)  RJ11 Color 	 Data Socket 90966X32 (RJ45 CAT5E) 90966X78 (RJ45 CAT6)  Data Color
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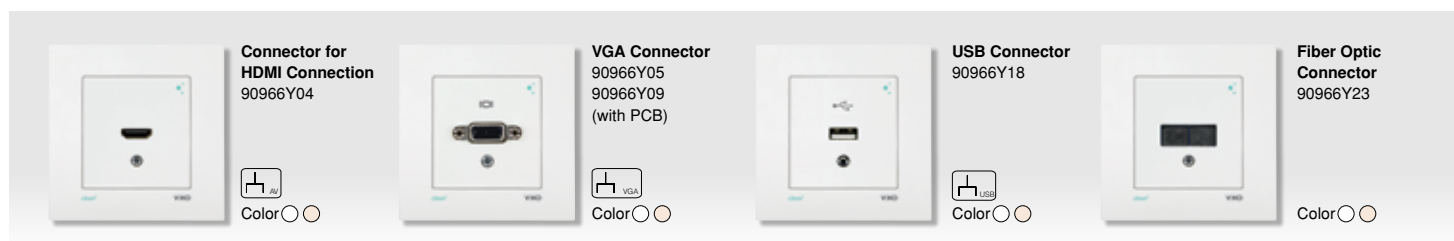
 Double Phone Socket (2xRJ11) 90966X33  2xRJ11 Color 	 Double Data Socket 90966X34 (2xRJ45 CAT5E) 90966X79 (2xRJ45 CAT6)  2xRJ45 Color 	 Phone & Data Socket 90966X35 (CAT5E-RJ11) 90966X81 (CAT6-RJ11)  RJ11 & Data Color 	 Double Keystone Socket w/o Connectors 90966X62  Keystone Color
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Dimmer

 Rotatif Dimmer RL 40-600W 90966X91  Rotatif 230V~ Color 	 Pro Dimmer RL 20-500W/VA 90966X40  Pro 230V~ Color 	 Pro Dimmer RL 6-100W/VA 90966Y29  Pro 230V~ Color 	 Pro Dimmer RC 40-400W/VA 90966Y02  Pro 230V~ Color
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 Pro Dimmer RLC 20-350W/VA 90966Y03  Pro 230V~ Color 	 1-10V Dimmer 90966X84  1-10V 230V~ Color 	 Universal Dimmer 3-150W 90966Y38  Universal 230V~ Color
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Multimedia Connectors



Electronic Products





6 Gang Frame Vertical
90966Z15
(81 x 438 mm)
Color ○ ○



5 Gang Frame Vertical
90966Z14
(81 x 367 mm)
Color ○ ○



Surface Mounting Box, Single
90966Z07
Color ○ ○



Surface Mounting Box, Double
90966Z08
Color ○ ○

Z Code Stands For: 4= White, 7= Beige



4 Gang Frame Vertical
90966Z13
(81 x 296 mm)
Color ○ ○



3 Gang Frame Vertical
90966Z12
(81 x 225 mm)
Color ○ ○



2 Gang Frame Vertical
90966Z11
(81 x 154 mm)
Color ○ ○



Single Frame
90966Z00
(83 x 81 mm)

Color ○ ○



2 Gang Frame Horizontal
90966Z01
(154 x 81 mm)

Color ○ ○



3 Gang Frame Horizontal
90966Z02
(225 x 81 mm)

Color ○ ○



Flush Mounted Frame
90966Z06

Color ○ ○



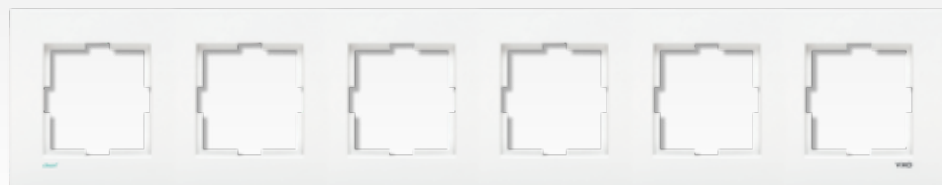
4 Gang Frame Horizontal
90966Z03
(296 x 81 mm)

Color ○ ○



5 Gang Frame Horizontal
90966Z04
(367 x 81 mm)

Color ○ ○



6 Gang Frame Horizontal
90966Z05
(438 x 81 mm)

Color ○ ○



Which city is yours?

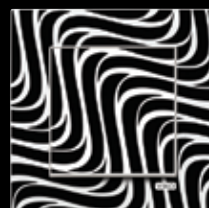
With Karre Cities, the cities of your dreams are now your new source of inspiration in your living spaces. Karre Cities' specially designed products call you to the ancient and cosmopolitan city of Istanbul, the royal city of London, the American dream of New York, the city of lights of Paris, and the centre of authenticity with its canals and gondolas, Venice. Are you ready to embark on a new design journey?





The new style of spaces with its
unique design and quality!

outside the stereotype, involved in life



Karre Cities

Switch and Socket



One-Way Switch
9096280Y

10AX, 250V~



2-Gang One-way Switch
9096284Y

10AX, 250V~



Socket 2P+E with Lid Safety Shutter
9096282Y

16A, 250V~



İstiklal



Maiden's Tower



Ortaköy



Galata



Blue Maiden's Tower



Blue Ortaköy



Venice



London

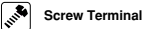


New York



Paris

Y stands for: 0= Galata, 1= İstiklal, 2= Maiden's Tower, 3= Ortaköy, 4= New York, 5= London, 6= Venice, 7= Paris, 8= Blue Maiden's Tower, 9= Blue Ortaköy



Switch and Socket



Leaves



Numbers



Zebra



Jazz



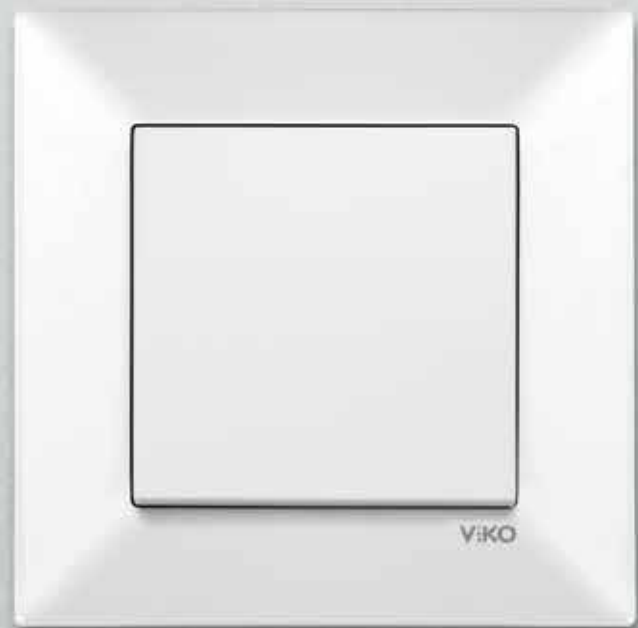
Pattern



Mosaic

Selective perception

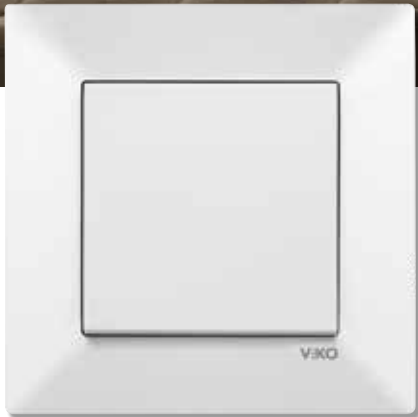




meridian

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 Meridian without compromising design.



Switch

One-Way Switch
90967X01

10AX, 250V~
Color ○ ○

One-way Switch, Illuminated
90967X19

10AX, 250V~
Color ○ ○

2-Gang One-way Switch
90967X02

10AX, 250V~
Color ○ ○

2-Gang One-way Switch, Illuminated
90967X50

10AX, 250V~
Color ○ ○

Two-way Switch
90967X04

10AX, 250V~
Color ○ ○

Two-way Switch, Illuminated
90967X63

10AX, 250V~
Color ○ ○

One-way Push Button
90967X03

10AX, 250V~
Color ○ ○

Push Button, Illuminated
90967X14

10AX, 250V~
Color ○ ○

Push Button with Bell Symbol
90967X06

10AX, 250V~
Color ○ ○

Push Button with Label, Illuminated 24V LED
90967X27

10AX, 24V~
Color ○ ○

Push Button with Key Symbol
90967X05

10AX, 250V~
Color ○ ○

2-Gang Two-way Switch
90967X31

10AX, 250V~
Color ○ ○

Shutter Control Switch
90967X16

10AX, 250V~
Color ○ ○

2-Gang Two-way Switch
90967X17

10AX, 250V~
Color ○ ○

2-Pole Switch
90967X39

16AX, 250V~
Color ○ ○

2-Pole Switch, Illuminated
90964674 (White)
90964774 (Beige)

16AX, 250V~
Color ○ ○

3-Gang One-way Switch
90967X68

10AX, 250V~
Color ○ ○

Cooler Switch
90967X98

10AX, 250V~
Color ○ ○

Double One-way Push Button
90967X83

10AX, 250V~
Color ○ ○

Double One-way Switch
90967X44

10AX, 250V~
Color ○ ○

Shutter Control Switch, Single Button
90967X72

10AX, 250V~
Color ○ ○

Emergency Push Button with Cord
90967X18

10AX, 250V~
Color ○ ○

Do not Disturb / Make-up Room Switch
90967X88

10AX, 250V~
Color ○ ○

Cable Outlet, Mech.+Cover
90967X77

Color ○ ○

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

Screw Terminal

Screwless Terminal

Switch



Blank Cover
90967Z20

Color ○ ○

Socket



Socket 2P+E
90967X08



16A, 250V~
Color ○ ○



**Socket 2P+E
Safety Shutter**
90967X42



16A, 250V~
Color ○ ○



**Socket 2P+E
with Lid
Safety Shutter**
90967X12



16A, 250V~
Color ○ ○



**Socket 2P+E
(French Standard)
Safety Shutter**
90967X45



16A, 250V~
Color ○ ○



**Socket 2P+E
with Lid
(French Standard)
Safety Shutter**
90967X70



16A, 250V~
Color ○ ○



**Socket 2P+E with
Lid and Label
Holder
Safety Shutter**
90967Z13



16A, 250V~
Color ○ ○



**Double Socket
2P+E**
90967X56



16A, 250V~
Color ○ ○



Double Socket 2P+E
90960Y56



16A, 250V~
Color ○ ○



**Double Socket 2P+E
Safety Shutter**
90967X58



16A, 250V~
Color ○ ○



**Double Socket 2P+E
Safety Shutter**
90960Y58



16A, 250V~
Color ○ ○



**Double Socket 2P+E
(French Standard)
Safety Shutter**
90967X57



16A, 250V~
Color ○ ○



**Shockproof Earthed
Socket
5V-2A with 2 USB
(Complete)**
90970X92

Color ○ ○



**USB Charger
Socket- 5V 2A**
90967Z01

Color ○ ○

TV-Data



TV Socket
90967X10 (Terminated)
90967X59
(Through-pass 8dB)
90967X60
(Through-pass 12dB)
90967X49 (Lossless)

Color ○ ○



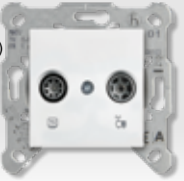
Satellite Socket with F Connector
90967X09 (Terminated)
90967X38
(Through-pass 10dB)

Color ○ ○



Satellite Socket (TV-SAT)
90967X85 (Terminated)
90967X86
(Through-pass 8dB)
90967X87
(Through-pass 11dB)

Color ○ ○



TV-Radio Socket
90967X21 (Terminated)
90967X22
(Through-pass 7dB)
90967X24
(Through-pass 12dB)

Color ○ ○



Satellite Socket (SAT-TV-RAD)
90967X41 (Terminated)
90967X52
(Through-pass 13dB)

Color ○ ○



SAT-SAT-TV Socket (SAT-SAT-TV)
90967X53
(Terminated)

Color ○ ○



Phone Socket (RJ11)
90967X13
90967X48 (lossless)

Color ○ ○



Data Socket
90967X32
(RJ45 CAT5E)
90967X78
(RJ45 CAT6)

Color ○ ○



Double Phone Socket (2xRJ11)
90967X33

Color ○ ○



Double Data Socket
90967X34
(2xRJ45 CAT5E)
90967X79
(2xRJ45 CAT6)

Color ○ ○



Phone & Data Socket
90967X35
(CAT5E-RJ11)
90967X81
(CAT6-RJ11)

Color ○ ○



Double Keystone Socket w/o Connectors
90967X62
Color ○ ○

Dimmer



Rotatif Dimmer R 40-600W
90967X47

230V~
Color ○ ○



Pro Dimmer RL 20-500W/VA
90967Z40

230V~
Color ○ ○



Pro Dimmer RL 6-100W/VA
90967Z29

230V~
Color ○ ○



Pro Dimmer RC 40-400W/VA
90967Z42

230V~
Color ○ ○



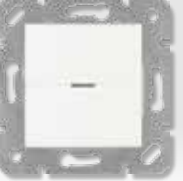
Pro Dimmer RLC 20-350W/VA
90967Z43

230V~
Color ○ ○



1-10V Dimmer
90967X84

230V~
Color ○ ○



Universal Dimmer 3-150W
90967Z38

230V~
Color ○ ○

Multimedia Connectors



Connector for HDMI Connection
90967Z68

Color ○ ○



VGA Connector
90967Z66
90967Z64 (PCB)

Color ○ ○



USB Connector
90967Z67

Color ○ ○

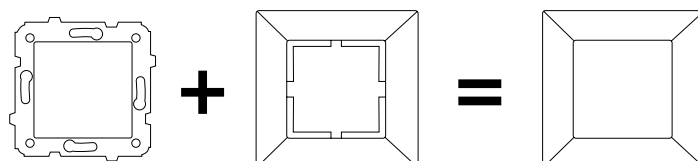


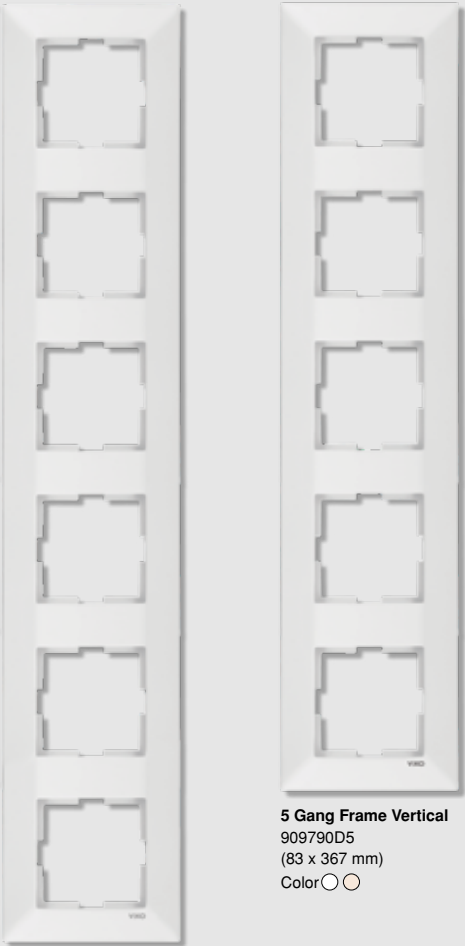
Fiber Optic Connector
90967X23
Color ○ ○

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

Electronic Products

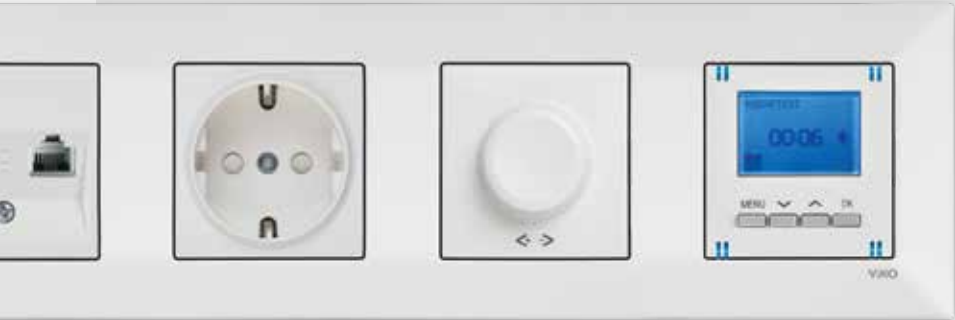
 Flush mounted Thermostat with Sensor 90961T75 (UF) 90961T76 (UF-E)  Color ○ ○	 Room Thermostat 90967Z30 90961Y71 (Heating- Cooling)  Color ○ ○	 Programmable Room Thermostat 90967Z32 90961Y70 (Heating- Cooling)  Color ○ ○	 Programmable Shutter Control 90967Z33  Color ○ ○
 Motion Detector 90961Y73 (3Wire 180°) 90961Y72 (2Wire 180°)  Color ○ ○	 13,56 MHz RFID Energy Saver 90967Z16  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 90967Z06  Color ○ ○	 Energy Saver Card 90551288





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

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



Surface Mounting Box, Single
909790Y8

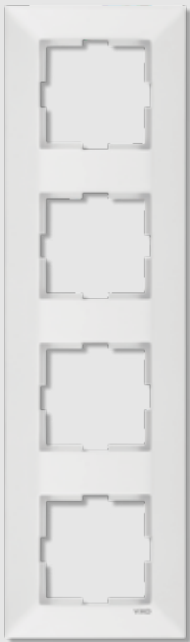
Color ☐ ☐



Surface Mounting Box, Double
909790Y9

Color ☐ ☐

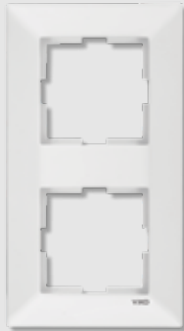
D Code Stands For: 2=White, 3=Beige
Y Code Stands For: 0=White, 1=Beige



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 ○ ○



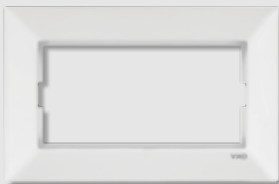
2 Gang Frame Horizontal
909790Y2
(154 x 83 mm)

Color ○ ○



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

Color ○ ○



Flush Mounted Frame
909790Y7

Color ○ ○



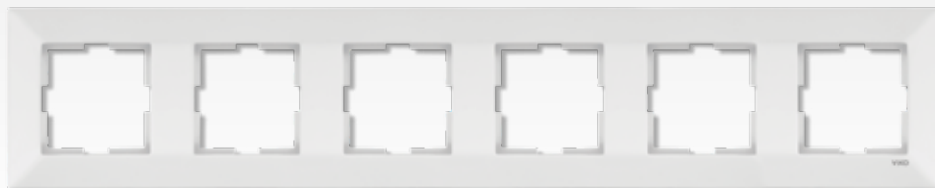
4 Gang Frame Horizontal
909790Y4
(296 x 83 mm)

Color ○ ○



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

Color ○ ○



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

Color ○ ○

A natural and sophisticated story.





novella

Novella combines refined living spaces with a bold style, continues to attract all eyes on itself. While shaping interior design trends with its assertive frame options, It also accompanies the lives carried to the future with new generation technologies including digital flush mounted thermostat applications.

Naturally stunning.



Standard and painted products



Silver



White



Satin



Bronze



Anthracite



Dark Gray



Black



Beech



Walnut



Cherry

Glass



White



Light Green



Dore



Maroon



Black



Eloxal (metal alloy)



Silver



Bronze



Black

Corian (Marble)



Aurora



Sandstone



Dusk



Black Quartz

Solid Wood



Maple



Oak

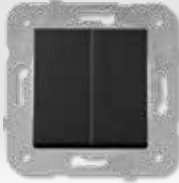
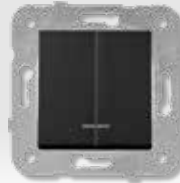
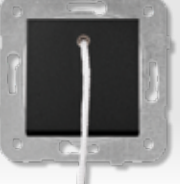


Walnut



Cherry

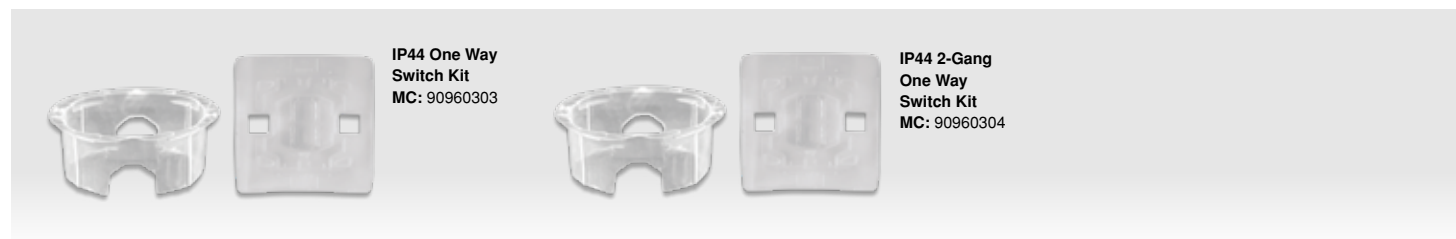
Switch

 One-Way Switch MC: 92600001 BC: 926Y5X01   10AX, 250V~	 One-way Switch, Illuminated MC: 92600019 BC: 926Y5X19   10AX, 250V~	 2-Gang One-way Switch MC: 92600002 BC: 926Y5X02   10AX, 250V~	 2-Gang One-way Switch, Illuminated MC: 92600050 BC: 926Y5X50   10AX, 250V~
 Two-way Switch MC: 92600050 BC: 926Y5X50   10AX, 250V~	 Two-way Switch, Illuminated MC: 92600063 BC: 926Y5X63   10AX, 250V~	 One-way Push Button MC: 92600003 BC: 926Y5X03   10AX, 250V~	 Push Button, Illuminated MC: 92600014 BC: 926Y5X14   10AX, 250V~
 Push Button with Bell Symbol MC: 92600005 BC: 926Y5X06   10AX, 250V~	 Push Button with Label, Illuminated 24V LED MC: 92600027 BC: 926Y5X27   10AX, 24V~	 Push Button with Key Symbol MC: 92600005 BC: 926Y5X05   10AX, 250V~	 Intermediate Switch MC: 92600031 BC: 926Y5X31   10AX, 250V~
 Shutter Control Switch MC: 92600016 BC: 926Y5X16   10AX, 250V~	 2-Gang Two-way Switch MC: 92600017 BC: 926Y5X17   10AX, 250V~	 2-pole Switch MC: 92600039 BC: 926Y5X01   16AX, 250V~	 3-Gang One-way Switch MC: 92600068 BC: 926Y5X68   10AX, 250V~
 Cooler Anahtar MC: 92109198 BC: 922Y5X98   10AX, 250V~	 Impulse Komütatör MC: 92600083 BC: 926Y5X02   10AX, 250V~	 Double One-way Switch MC: 92600044 BC: 926Y5X02   10AX, 250V~	 Shutter Control Switch, Single Button MC: 92600072 BC: 926Y5X72   10AX, 250V~
 Emergency Push Button with Cord BC: 921Y5X18   10AX, 250V~	 Do not Disturb / Make-up Room Switch MC: 92600088 BC: 926Y5X88   10AX, 250V~	 Cable Outlet, Mech.+Cover MC: 92600092 BC: 926Y5X77	 Blank Cover MC: 92600090 BC: 926Y5X26

Y5X Stands For: 050= Silver, 051= Satin, 052= Bronze, 053= Anthracite, 054= Fume, 055= Black, 056= Metallic White, 057= White, 058= Creme, 150= Cherry, 151= Walnut, 152= Beech
Y7X Stands for: 070= Silver, 071= Satin, 072= Bronze, 073= Anthracite, 074= Fume, 075= Black
MC Stands for: Mechanism Code
BC Stands for: Switch/Lid Code

 Screw Terminal  Screwless Terminal

Switch



Socket



TV-Data



TV Socket
MC: 92600010
BC: 926Y5X10 (Terminated)
MC: 92600059
BC: 926Y5X11 (Through-pass 8dB)
MC: 92600060
BC: 926Y5X12 (Through-pass 12dB)
MC: 92600049
BC: 926Y5X13 (Lossless)





Satellite Socket with F Connector
MC: 92600009
BC: 926Y5X97 (Terminated)
MC: 92600038
BC: 926Y5X98 (Through-pass 10dB)





Satellite Socket (TV-SAT)
MC: 92600085
BC: 926Y5X85 (Terminated)
MC: 92600086
BC: 926Y5X86 (Through-pass 8dB)
MC: 92600087
BC: 926Y5X87 (Through-pass 11dB)





TV-Radio Socket
MC: 92600021
BC: 926Y5X21 (Terminated)
MC: 92600022
BC: 926Y5X22 (Through-pass 7dB)
MC: 92600024
BC: 926Y5X23 (Through-pass 12dB)





Satellite Socket (SAT-TV-RAD)
MC: 92600041
BC: 926Y5X41 (Terminated)
MC: 92600052
BC: 926Y5X42 (Through-pass 13dB)





SAT-SAT-TV Socket (SAT-SAT-TV)
MC: 92600053
BC: 926Y5X53 (Terminated)





Phone Socket (RJ11)
MC: 92600013
BC: 926Y5X32 (CAT3)





Data Socket
MC: 92600032
BC: 926Y5X32 (RJ45 CAT5E)
MC: 92600102
BC: 926Y5X32 (RJ45 CAT6)





Double Phone Socket (2xRJ11) (2 X CAT3)
MC: 92600033
BC: 926Y5X32





Double Data Socket
MC: 92600034
BC: 926Y5X32 (2xRJ45 CAT5E)
MC: 92600103
BC: 926Y5X32 (2xRJ45 CAT6)





Phone & Data Socket
MC: 92600035
BC: 926Y5X32 (RJ45 CAT5E - CAT3)
MC: 92600104
BC: 926Y5X32 (RJ45 CAT6 - CAT3)





Double Keystone Socket w/o Connectors
MC: 92600101
BC: 926Y5X32

Dimmer



Rotatif Dimmer R 40-600W
MC: 92600047
BC: 926Y5X20



230V~



Pro Dimmer RL 20-500W/VA
MC: 92109340
BC: 926Y5X84



230V~



Pro Dimmer RL 6-100W/VA
MC: 92600129
BC: 926Y5X84



230V~



Pro Dimmer RC 40-400W/VA
MC: 92600122
BC: 926Y5X84



230V~



Pro Dimmer RLC 20-350W/VA
MC: 92600123
BC: 926Y5X84



230V~



1-10V Dimmer
MC: 92600124
BC: 926Y5X84



230V~



Universal Dimmer 3-150W
MC: 92600164
BC: 926Y5X64



230V~

Multimedia Connectors



Connector for HDMI Connection
MC: 92600105
BC: 926Y5X11





VGA Connector
MC: 92600106
DK: 926Y5X13
BC: 92600107 (PCB)





USB Connector
MC: 92600108
BC: 926Y5X15



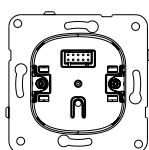


Fiber Optic Connector
MC: 92600029
BC: 926Y5X29

Y5X Stands For: 050= Silver, 051= Satin, 052= Bronze, 053= Anthracite, 054= Fume, 055= Black, 056= Metallic White, 057= White, 058= Creme, 150= Cherry, 151= Walnut, 152= Beech
Y7X Stands for: 070= Silver, 071= Satin, 072= Bronze, 073= Anthracite, 074= Fume, 075= Black
MC Stands for: Mechanism Code
BC Stands for: Switch/Lid Code

Electronic Products

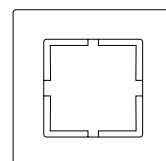
	Flush Mounted Thermostat with Sensor MC: 92000133 (UF) BC: 926Y5X18 (UF) MC: 92000134 (UF-E) BC: 926Y5X18 (UF-E)		Room Thermostat MC: 92600127 BC: 926Y5X93 (Heating) MC: 92600130 BC: 926Y5X08 (Heating-Cooling)		Programmable Room Thermostat MC: 92600127 BC: 926Y5X94 (Heating) MC: 92600130 BC: 926Y5X07 (Heating-Cooling)		Programmable Shutter Control MC: 92600128 BC: 926Y5X95
	Motion Detector MC: 92600132 (3Wire 180°) BC: 920Y7X39 (3Wire 180°) MC: 92600126 (2Wire 180°) BC: 920Y7X38 (2Wire 180°)		13,56 MHz RFID Energy Saver MC: 92109009 BC: 926Y5X22		Energy Saver- Mechanic Switch MC: 92109009 (5V DC-) BC: 926Y5X24 (5V DC-) MC: 92109012 (230V AC~) BC: 926Y5X25 (230V AC~)		Audio Socket MC: 92600093 BC: 926Y5X37
	Volume Control Switch MC: 92600080 BC: 926Y5X54 (With transformer)		Audio Channel Selection Switch MC: 92600082 BC: 926Y5X82		Buzzer MC: 92600096 BC: 926Y5X96		



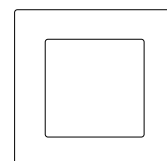
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+



=







Flush Mounted Frame
9219A6X9 (Colored)
921913Y9 (Wood Pattern)
92192XX9 (Corian - Eloxal Metal - Wood)
92192XX9 (Glass)



Single Frame
9219A6X1 (Colored)
921913Y1 (Wood Pattern)
92192XX1 (Corian - Eloxal Metal - Wood)
92192XX1 (Glass)
92190YY1 (Acrylic)

(83 x 83 mm)



2 Gang Frame Horizontal
9219A6X2 (Colored)
921913Y2 (Wood Pattern)
92192XX2 (Corian - Eloxal Metal - Wood)
92192XX2 (Glass)
92190YY2 (Acrylic)

(154 x 83 mm)



Surface Mounting Box, Single
9219A6X0 (Colored)



3 Gang Frame Horizontal
9219A6X3 (Colored)
921913Y3 (Wood Pattern)
92192XX3 (Corian - Eloxal Metal - Wood)
92192XX3 (Glass)
92190YY3 (Acrylic)

(225 x 83 mm)



4 Gang Frame Horizontal
9219A6X4 (Colored)
921913Y4 (Wood Pattern)
92192XX4 (Corian - Eloxal Metal - Wood)
92192XX4 (Glass)
92190YY4 (Acrylic)

(296 x 83 mm)



5 Gang Frame Horizontal
9219A6X5 (Colored)
921913Y5 (Wood Pattern)

(367 x 83 mm)



6 Gang Frame Horizontal
9219A6X6 (colored)
921913Y6 (Wood Pattern)

(438 x 83 mm)

A Stands for: 0= Horizontal, 3= Vertical
X Stands for: 0= Silver, 1= Satin, 2= Bronze, 3= Anthracite, 4= Fume, 5= Black, 6= Metallic White
Y Stands for: 0= Cherry, 1= Walnut, 2= Beech
XX Stands for:
Eloxal: 30= Bronze, 31= Black, 32= Silver
Solid Wood: 10= Cherry, 11= Walnut, 12= Oak, 13= Maple
Corian: 00= Aurora, 01= Dusk, 02= Sandstone, 03= Black Quartz
Glass: 24= White, 25= Light Green, 26= Bordo, 27= Black, 28= Dore
YY stands for:
Acrylic: 00= Green, 01= White, 02= Black, 03= Red, 04= Matt Dore, 05= Matt White, 06= Matt Black

Elegant with its [naive texture and design...](#)



Taking its design inspiration from Japanese artist Katsushika Hokusai's magnificent work known as "The Great Wave at Kanagawa", VIKO Novella Soft Touch will bring the nobility of art to the walls of your homes with its innovative colour options and soft texture.

novella SoftTouch



Turquoise



Seashell



Sandstone



Ocean



Night



S I L E N T , S T Y L I S H A N D A W A R D - W I N N I N G



With the 3 award-winning Novella S, switching on and off the lights is now much more enjoyable...
Just gently touch Novella S, whose touch performance is enhanced by using a new generation processor, and the lights will switch on, off or the atmosphere of the spaces will accompany your mood. The answer to your dreams for your living spaces is in the Novella S series.



Switch



Touch Switch / Delay Switch
92065X01

 
10AX, 250V~



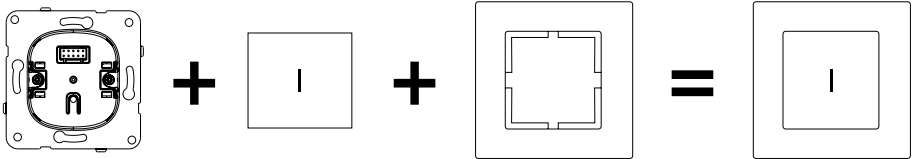
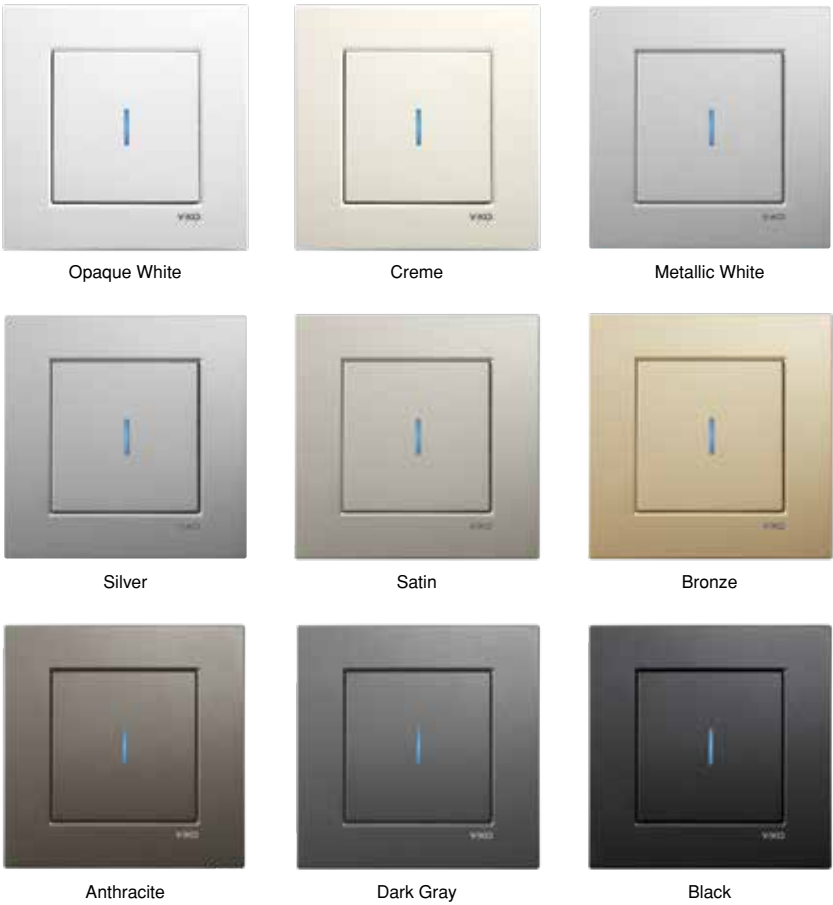
Touch Commutator
92065X02

 
10AX, 250V~



Touch Slider RLC
60W-300W/VA
92065X08

 
10AX, 250V~



X Stands for: 0= Silver, 1= Satin, 2= Bronze, 3= Anthracite, 4= Fume, 5= Black, 6= Metallic White, 7= Opaque White 8= Creme

 **Screw Terminal**

touchless



Switch on and off
without touching with Touchless

Switch



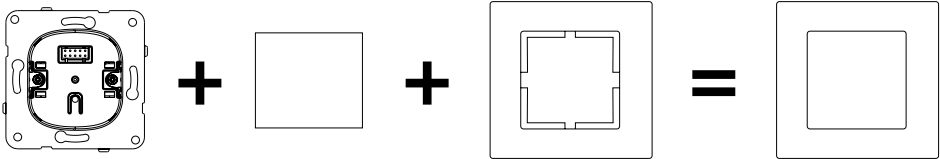
N/T Touchless Switch Mechanism
92600133

10AX, 250V~



N/T Touchless Switch Upper Module
926Y5X33

10AX, 250V~



Y5X Stands for: 050= Silver, 051= Satin, 052= Bronze, 053= Anthracite, 054= Fume, 055= Black, 056= Metallic White, 057= White, 058= Creme

 Screw Terminal

Free, modernist and powerful.





Trendera

With its creative form, materials, colours and frames,
Trendera brings style codes to dream homes.

Panasonic offers experiences that will change your habits with its
modern and functional world. It invites you to new experiences
with alternatives including Energy saver and digital underfloor
thermostat applications.

The power of design, the colours of life.



Trenda Colored



Silver



Metallic White



Satin



Bronze



Anthracite



Fume



Black



Trenda Metallic



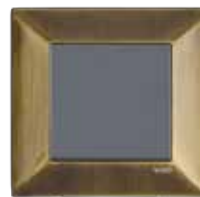
Chrome



Inox

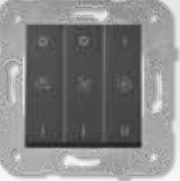
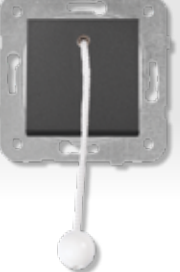


Gold



Antique

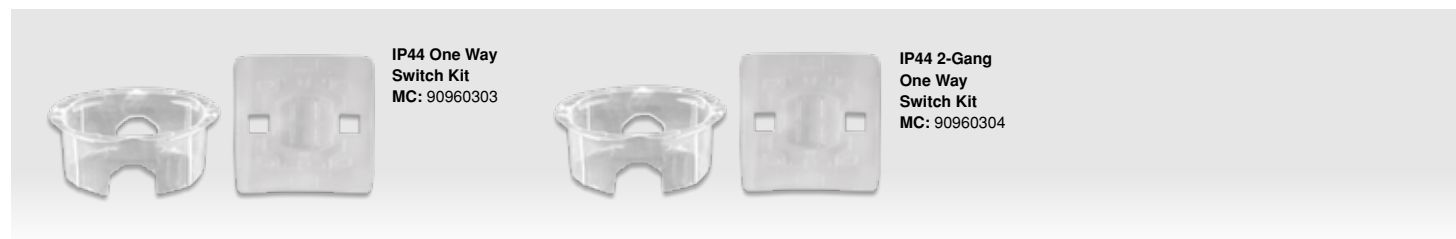
Switch

 One-Way Switch MC: 92600001 BC: 926Y5X01   10AX, 250V~	 One-way Switch, Illuminated MC: 92600019 BC: 926Y5X19   10AX, 250V~	 2-Gang One-way Switch MC: 92600002 BC: 926Y5X02   10AX, 250V~	 2-Gang One-way Switch, Illuminated MC: 92600050 BC: 926Y5X050   10AX, 250V~
 Two-way Switch MC: 92600050 BC: 926Y5X50   10AX, 250V~	 Two-way Switch, Illuminated MC: 92600063 BC: 926Y5X63   10AX, 250V~	 One-way Push Button MC: 92600003 BC: 926Y5X03   10AX, 250V~	 Push Button, Illuminated MC: 92600014 BC: 926Y5X14   10AX, 250V~
 Push Button with Bell Symbol MC: 92600005 BC: 926Y5X06   10AX, 250V~	 Push Button with Label, Illuminated 24V LED MC: 92600027 BC: 926Y5X27   10AX, 24V~	 Push Button with Key Symbol MC: 92600005 BC: 926Y5X05   10AX, 250V~	 2-Gang Two-way Switch MC: 92600031 BC: 926Y5X31   10AX, 250V~
 Shutter Control Switch MC: 92600016 BC: 926Y5X16   10AX, 250V~	 2-Gang Two-way Switch MC: 92600017 BC: 926Y5X17   10AX, 250V~	 2-Pole Switch MC: 92600039 BC: 926Y5X01   16AX, 250V~	 3-Gang One-way Switch MC: 92600068 BC: 926Y5X68   10AX, 250V~
 Cooler Switch MC: 92109198 BC: 922Y5X98   10AX, 250V~	 Double One-way Push Button MC: 92600083 BC: 926Y5X02   10AX, 250V~	 Double One-way Switch MC: 92600044 BC: 926Y5X02   10AX, 250V~	 Shutter Control Switch, Single Button MC: 92600072 BC: 926Y5X72   10AX, 250V~
 Emergency Push Button with Cord BC: 921Y5X18   10AX, 250V~	 Do not Disturb / Make-up Room Switch MC: 92600088 BC: 926Y5X88   10AX, 250V~	 Cable Outlet, Mech.+Cover MC: 92600092 BC: 926Y5X77	 Blank Cover MC: 92600090 BC: 926Y5X26

Y5X Stands for: 050= Silver, 051= Satin, 052= Bronze, 053= Anthracite, 054= Fume, 055= Black, 056= Metallic White, 057= White, 058= Creme, 150= Cherry, 151= Walnut, 152= Beech
Y7X Stands for: 070= Silver, 071= Satin, 072= Bronze, 073= Anthracite, 074= Fume, 075= Black
MC Stands for: Mechanism Code
BC Stands for: Switch / Lid Code

 Screw Terminal  Screwless Terminal

Switch



Socket



TV-Data

 TV Socket MC: 92600010 BC: 926Y5X10 (Terminated) MC: 92600059 BC: 926Y5X11 (Through-pass 8dB) MC: 92600060 BC: 926Y5X12 (Through-pass 12dB) MC: 92600049 BC: 926Y5X13 (Lossless) 	 Satellite Socket with F Connector MC: 92600009 BC: 926Y5X97 (Terminated) MC: 92600038 BC: 926Y5X98 (Through-pass 10dB) 	 Satellite Socket (TV-SAT) MC: 92600085 BC: 926Y5X85 (Terminated) MC: 92600086 BC: 926Y5X86 (Through-pass 8dB) MC: 92600087 BC: 926Y5X87 (Through-pass 11dB) 	 TV-Radio Socket MC: 92600021 BC: 926Y5X21 (Terminated) MC: 92600022 BC: 926Y5X22 (Through-pass 7dB) MC: 92600024 BC: 926Y5X23 (Through-pass 12dB) 
 Satellite Socket (SAT-TV-RAD) MC: 92600041 BC: 926Y5X41 (Terminated) MC: 92600052 BC: 926Y5X42 (Through-pass 13dB) 	 SAT-SAT-TV Socket (SAT-SAT-TV) MC: 92600053 BC: 926Y5X53 (Terminated) 	 Phone Socket (RJ11) MC: 92600013 BC: 926Y5X32 (CAT3) 	 Data Socket MK: 92600032 BC: 926Y5X32 (RJ45 CAT5E) MC: 92600102 BC: 926Y5X32 (RJ45 CAT6) 
 Double Phone Socket (2xRJ11) MC: 92600033 BC: 926Y5X32 	 Double Data Socket MC: 92600034 BC: 926Y5X32 (2xRJ45 CAT5E) MC: 92600103 BC: 926Y5X32 (2xRJ45 CAT6) 	 Phone & Data Socket MC: 92600035 BC: 926Y5X32 (RJ45 CAT5E - CAT3) MC: 92600104 BC: 926Y5X32 (RJ45 CAT6 - CAT3) 	 Double Keystone Socket w/o Connectors MC: 92600101 BC: 926Y5X32 

Dimmer

 Rotatif Dimmer R 40-600W MC: 92600047 BC: 926Y5X20  230V~	 Pro Dimmer RL 20-500W/VA MC: 92109340 BC: 926Y5X84  230V~	 Pro Dimmer RL 6-100W/VA MC: 92600129 BC: 926Y5X84  230V~	 Pro Dimmer RC 40-400W/VA MC: 92600122 BC: 926Y5X84  230V~
 Pro Dimmer RLC 20-350W/VA MC: 92600123 BC: 926Y5X84  230V~	 1-10V Dimmer MC: 92600124 BC: 926Y5X84  230V~	 Universal Dimmer 3-150W MC: 92600164 BC: 926Y5X64  230V~	

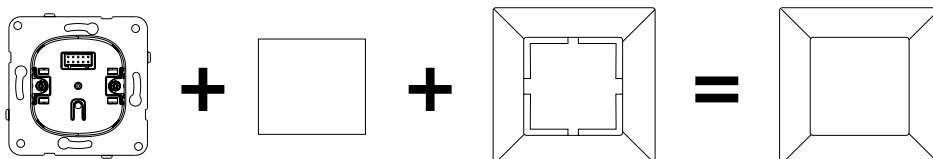
Multimedia Connectors

 Connector for HDMI Connection MC: 92600105 BC: 926Y5X11 	 VGA Connector MC: 92600106 MC: 92600107 (PCB) 	 USB Connector MC: 92600108 BC: 926Y5X15 	 Fiber Optic Connector MC: 92600029 BC: 926Y5X29 
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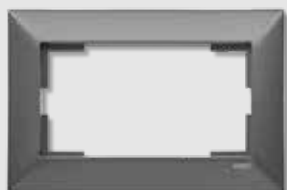
Y5X Stands for: 050= Silver, 051= Satin, 052= Bronze, 053= Anthracite, 054= Fume, 055= Black, 056= Metallic White, 057= White, 058= Creme, 150= Cherry, 151= Walnut, 152= Beech
Y7X Stands for: 070= Silver, 071= Satin, 072= Bronze, 073= Anthracite, 074= Fume, 075= Black
MC Stands for: Mechanism Code
BC Stands for: Switch / Lid Code

Electronic Products

	Flush Mounted Thermostat with Sensor MC: 92000133 (UF) BC: 926Y5X18 (UF) MC: 92000134 (UF-E) BC: 926Y5X18 (UF-E)		Room Thermostat MC: 92600127 BC: 926Y5X93 (Heating) MC: 92600130 BC: 926Y5X08 (Heating-Cooling)		Programmable Room Thermostat MC: 92600127 BC: 926Y5X94 (Heating) MC: 92600130 BC: 926Y5X07 (Heating-Cooling)		Programmable Shutter Control MC: 92600128 BC: 926Y5X95
	Motion Detector (V2) MC: 92600132 (3Wire 180°) BC: 920Y7X39 (3Wire 180°) MC: 92600126 (2Wire 180°) BC: 920Y7X38 (2Wire 180°)		13,56 MHz RFID Energy Saver MC: 92109009 BC: 926Y5X22		Energy Saver-Mechanic Switch MC: 92109009 (5V DC-) BC: 926Y5X24 (5V DC-) MC: 92109012 (230V AC~) BC: 926Y5X25 (230V AC~)		Audio Socket MC: 92600093 BC: 926Y5X37
	Volume Control Switch MC: 92600080 BC: 926Y5X54 (with Transformer)		Audio Channel Selection Switch MC: 92600082 BC: 926Y5X82		Buzzer MC: 92600096 BC: 926Y5X96		





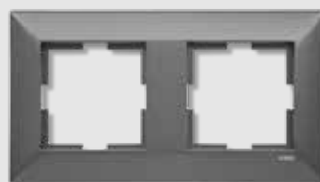


**Flush Mounted
Frame**
9219A7X9 (Colored)
9219A8Y9 (Metal)



Single Frame
9219A7X1 (Colored)
9219A8Y1 (Metal)

(83 x 83 mm)

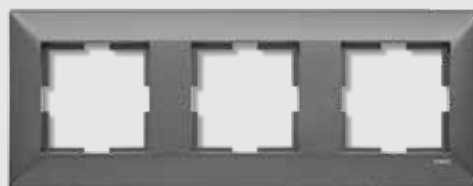


**2 Gang Frame
Horizontal**
9219A7X2 (Colored)
9219A8Y2 (Metal)

(154 x 83 mm)

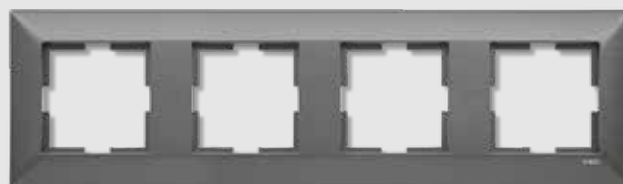


**Surface Mounting
Box, Single**
9219A7X8 (Colored)



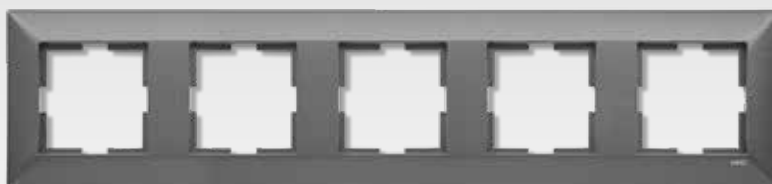
**3 Gang Frame
Horizontal**
9219A7X3 (Colored)
9219A8Y3 (Metal)

(225 x 83 mm)



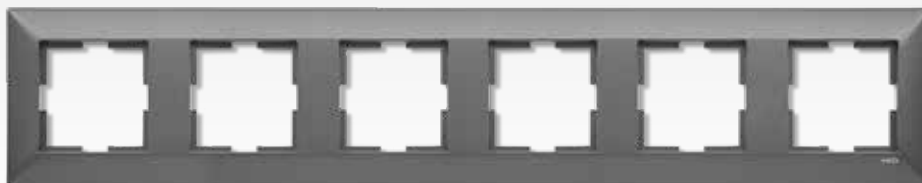
**4 Gang Frame
Horizontal**
9219A7X4 (Colored)
9219A8Y4 (Metal)

(296 x 83 mm)



**5 Gang Frame
Horizontal**
9219A7X5 (Colored)

(367 x 83 mm)



**6 Gang Frame
Horizontal**
9219A7X6 (Colored)

(438 x 83 mm)

Above the line comfort,
surface mount easiness...





vera

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.



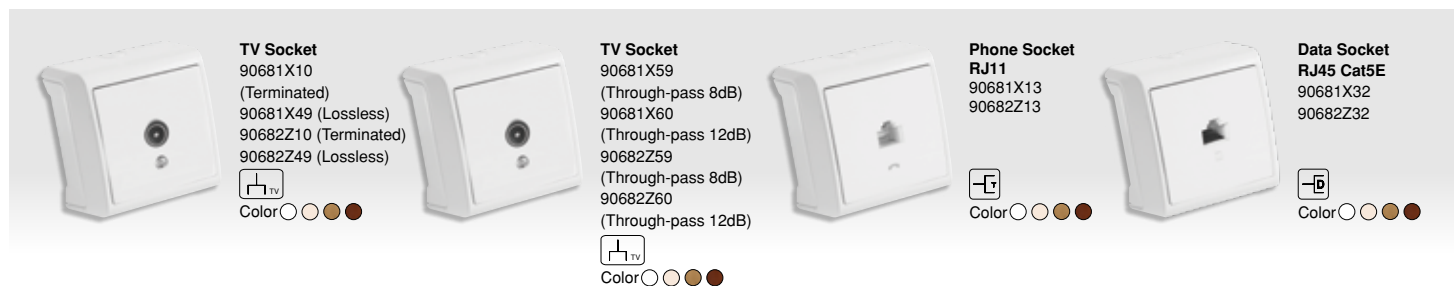
Switch

 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+E 90681X08 90682Z08 16A, 250V~ Color ○ ● ● ●	 Socket 2P+E (Safety Shutter) 90681X42 90682Z42 16A, 250V~ Color ○ ● ● ●	 Socket 2P+E (French Standard) Safety Shutter 90681X45 90682Z45 16A, 250V~ Color ○ ● ● ●
 Double Socket 2P+E 90681X56 90681Z56 16A, 250V~ Color ○ ● ● ●	 Double Socket 2P+E (Safety Shutter) 90681X58 90681Z58 16A, 250V~ Color ○ ● ● ●	 Socket 2P+E with Lid Safety Shutter 90681X12 90682Z12 16A, 250V~ Color ○ ● ● ●

TV-Data



Vertical Combination



Horizontal Combination



Privilege of dusty and moist places





Palmiye

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.



Switch



Switch
90555X01

 
10AX, 250V~
Color  



2-Gang One-way Switch
90555X02

 
10AX, 250V~
Color  



Two-way Switch
90555X04

 
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)

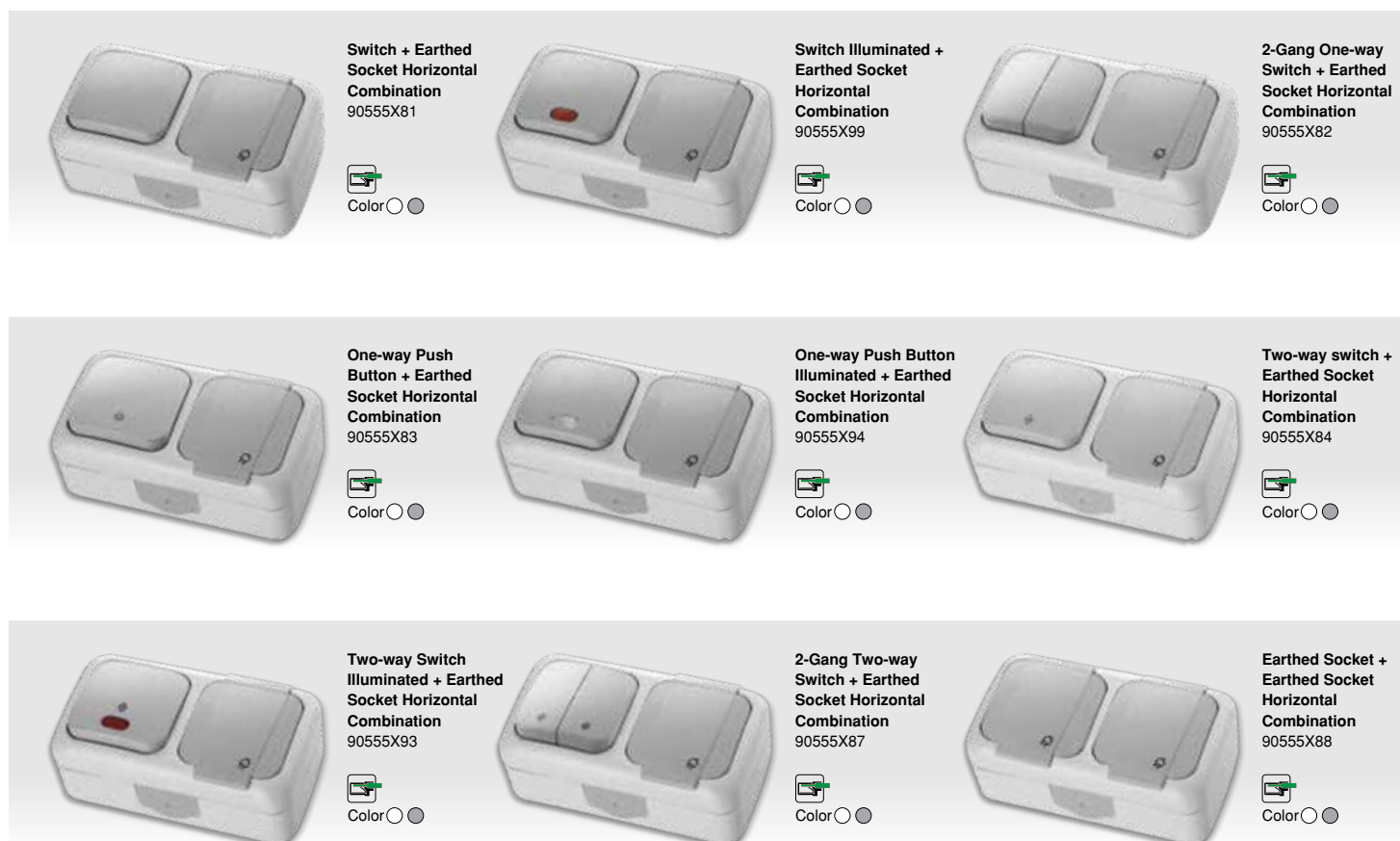
 
Color  



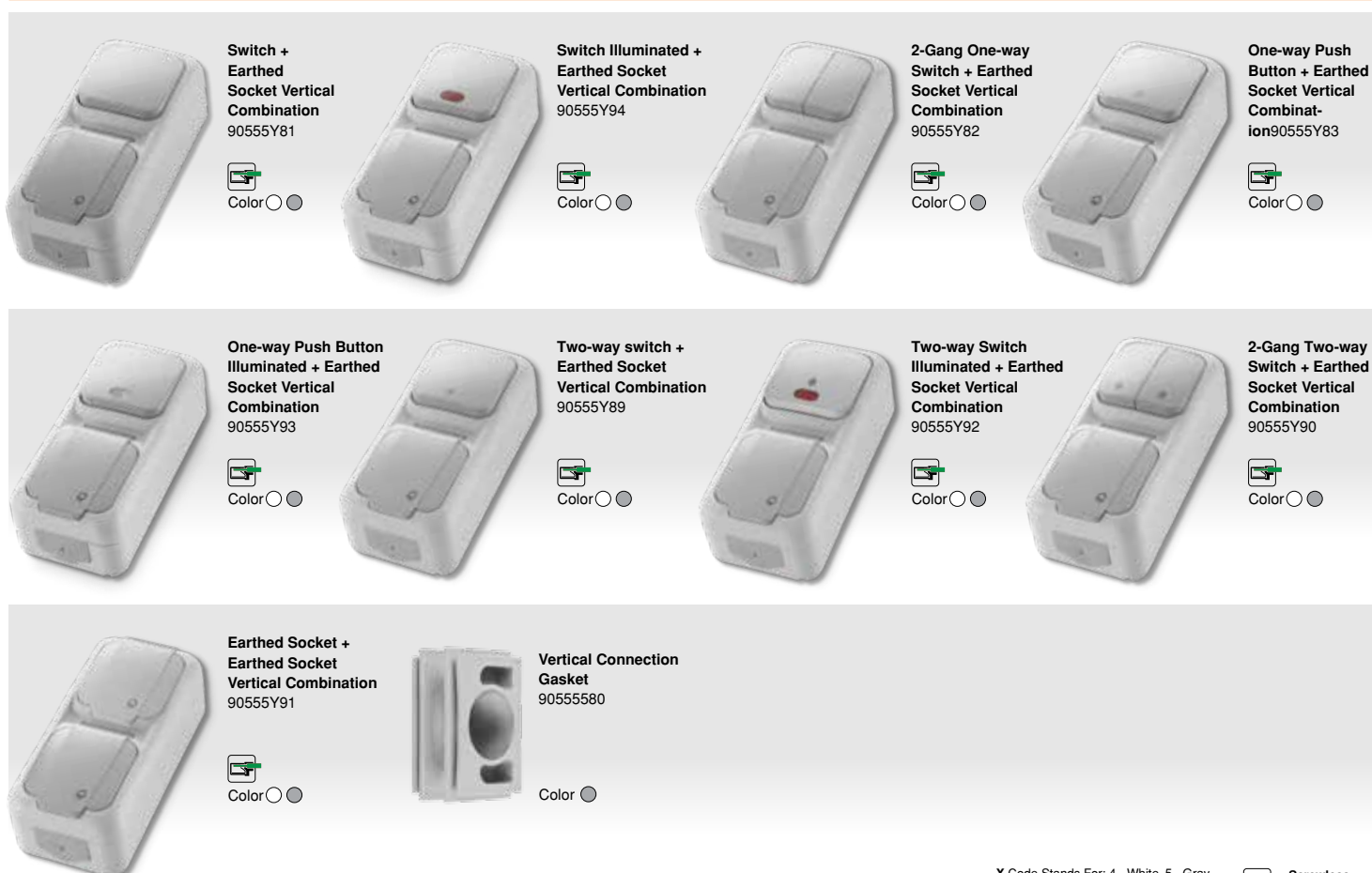
Phone Socket RJ11
90555X13


Color  

Horizontal Combination



Vertical Combination



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...

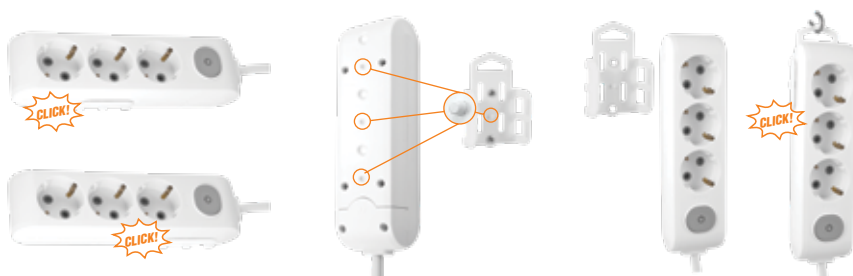


- Fixed use in surface mounted applications
- Use by hanging when desired
- Safety shutter feature offered as standard in all products
- Special rear lid that could be opened for easy and safe cable installation*
- 2-gang, 3-gang, 4-gang, 5-gang and 6-gang product options
- Cordless (terminal) or 1 m, 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.

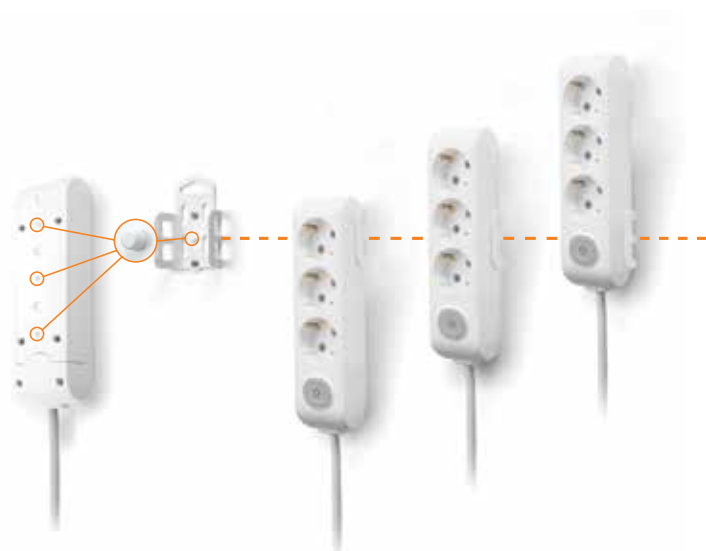


Use by Hanging

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.



Multi-let



Full protection against sudden overvoltages **New Surge Protected Group Socket**

Multi-let Surge Protected Group Socket prevents sudden voltage increases that may occur on the mains from damaging your devices. Even if the on-off switch is switched off, the shock protection feature is always activated.



Safety Shutter





New USB Group Socket

With the USB Group Socket, you can both use it by plugging it in and you can easily charge two different electronic devices at the same time without the need for an adapter thanks to the USB power outlets.



Safety Shutter



2x USB 2A
(Total 5V/2A)



Multi-let

Safety shutter 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 ●

Safety shutter 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

Safety shutter 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 ●

Safety shutter 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)	 4-Gang Socket with Cord. 1050J (1.5m)	 6-Gang Socket with Cord. 1050J (1.5m)
90117632 ●	90117630 ●	90117631 ●

 3-Gang Socket, earthed, 2 USB with Cord
2 m
90117306 ●

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 hollow-wall and concrete wall systems meet requirements in full.



High protection with high technology

With Panasonic sockets, safety and comfort are with you for your high-tech devices. While your plugged-in devices are protected against sudden overvoltages with different options, you can charge two different devices at the same time without the need for an adapter with USB options.



Surge Protected Socket



Surge Protected Single Socket with 2 USB



Single Socket with 2 USB



New Yonca Plus Three-Gang Earthed Socket

Taking security to the next level with its innovative design, the new Yonca Plus offers three different socket inputs. Avoid the risks that may arise from balance with Yonca Plus, which has a brand new design with its stylish and decorative lines.



Accessories

 Socket 90302500 Color ○	 Earthed Socket 90301800 Color ○	 Earthed Plug White 90304100 Color ○	 Earthed Plug Black 90304110 Color ●
 Bakelite Switch 90302710 Color ○	 Bakelite Switch 90302711 Color ●	 Monoblock Earthed Plug 90304200 Color ○	 Monoblock Earthed Plug-French Standard 90304240 Color ○
 Plug 90305400 Color ○	 Plug Black 90305410 Color ●	 Switched Plug 90301805 Color ○	 Plug with Handle 90301808 (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 ○
 Surge Protected Socket 1080J VK WATC00023GR-TR Color ●	 Surge Protected Single Socket with 2 USB 5V 2A VK WATC00013GR-TR Color ●	 Single Socket with 2 USB 5V 2A VK WATC00033GR-TR Color ●	

Accessories

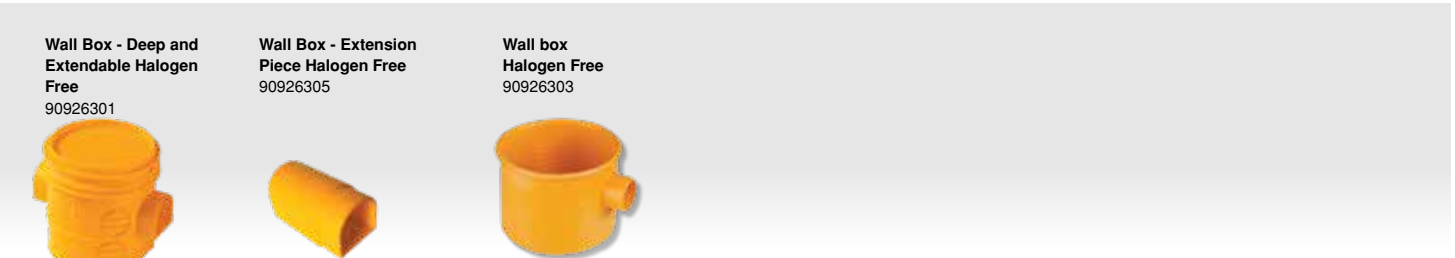
Surface Mount and Flush Mount Socket Series



Switch Boxes



Switch Boxes - Halogen Free



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



Plasterboard Boxes - Halogen Free

**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





Quality designs, reliable solutions in cable tray systems

Safety

It eliminates tripping and falling risks that may be caused by loose, disorganised electrical cables.

Decorative

It offers stylish solutions that can be painted in accordance with the decorations and can be shortened and corrected according to the desired length.

Ease of Assembly

Cable trays are fixed with the help of dowels and screws by drilling suitable holes in the dowel holes on it. Self-adhesive options are easily mounted thanks to the tapes on it.

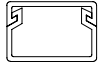
Durability

It has a solid structure against bumps and impacts.

Wide Range of Options

VIK045, with its wide product range, is a handy, stylish, multifunctional and offers technological socket options.





Ref. No	Description	Section (mm)	Packaging Type	Pcs / Meter
Cable Trays – With Adhesive Tape				
99100001	12x12 Cable Tray w/ adhesive tape	12x12	Box	320 m
99100002	15x10 Cable Tray w/ adhesive tape	15x10	Box	320 m
99100003	16x16 Cable Tray w/ adhesive tape	16x16	Box	180 m
99100004	20x10 Cable Tray w/ adhesive tape	20x10	Box	216 m
99100005	20x20 Cable Tray w/ adhesive tape	20x20	Box	120 m
99100006	25x16 Cable Tray w/ adhesive tape	25x16	Box	154 m
99100007	25x25 Cable Tray w/ adhesive tape	25x25	Box	96 m
99100008	30x11 Cable Tray w/ adhesive tape	30x11	Box	200 m
99100009	30x20 Cable Tray w/ adhesive tape	30x20	Box	100 m
99100010	30x30 Cable Tray w/ adhesive tape	30x30	Box	48 m
99100011	40x16 Cable Tray w/ adhesive tape	40x16	Box	84 m
99100012	40x25 Cable Tray w/ adhesive tape	40x25	Box	80 m
99100013	40x40 Cable Tray w/ adhesive tape	40x40	Box	72 m
99100014	60x40 Cable Tray w/ adhesive tape	60x40	Box	48 m
Cable Trays				
99100030	12x12 Cable Tray	12x12	Box	320 m
99100031	15x10 Cable Tray	15x10	Box	320 m
99100032	16x16 Cable Tray	16x16	Box	180 m
99100033	20x10 Cable Tray	20x10	Box	216 m
99100034	20x20 Cable Tray	20x20	Box	120 m
99100035	25x16 Cable Tray	25x16	Box	154 m
99100036	25x25 Cable Tray	25x25	Box	96 m
99100037	25x40 Cable Tray	25x40	Box	66 m
99100038	30x11 Cable Tray	30x11	Box	200 m
99100039	30x20 Cable Tray	30x20	Box	100 m
99100040	30x30 Cable Tray	30x30	Box	48 m
99100041	40x16 Cable Tray	40x16	Box	84 m
99100042	40x25 Cable Tray	40x25	Box	80 m
99100043	40x40 Cable Tray	40x40	Box	72 m
99100044	50x50 Cable Tray	50x50	Box	40 m
99100045	40x60 Cable Tray	40x60	Box	48 m
99100046	60x40 Cable Tray	60x40	Box	48 m
99100047	60x60 Cable Tray	60x60	Box	40 m
99100048	80x40 Cable Tray	80x40	Box	36 m
99100049	80x60 Cable Tray	80x60	Box	32 m
99100050	60x80 Cable Tray	60x80	Box	32 m
99100051	75x75 Cable Tray	75x75	Box	32 m
99100052	100x40 Cable Tray	100x40	Box	28 m
99100053	100x60 Cable Tray	100x60	Box	24 m
99100054	120x60 Cable Tray	120x60	Box	24 m
99100055	100x100 Cable Tray	100x100	Box	24 m
Cable Trays with Herringbone Adhesive Tape				
99100020	50x12 Cable Tray with Herringbone Adhesive Tape Grey	50x12	Box	108 m
99100021	75x20 Cable Tray with Herringbone Adhesive Tape Grey	75x20	Box	56 m
99100022	90x20 Cable Tray with Herringbone Adhesive Tape Grey	90x20	Box	44 m
99100023	50x12 Cable Tray with Herringbone Adhesive Tape White	50x12	Box	108 m
99100024	75x20 Cable Tray with Herringbone Adhesive Tape White	75x20	Box	56 m
99100025	90x20 Cable Tray with Herringbone Adhesive Tape White	90x20	Box	44 m
Cable Trays with Herringbone				
99100071	50x12 Herringbone Cable Tray Grey	50x12	Box	108 m
99100072	75x20 Herringbone Cable Tray Grey	75x20	Box	56 m
99100073	90x20 Herringbone Cable Tray Grey	90x20	Box	44 m
99100074	50x12 Herringbone Cable Tray White	50x12	Box	108 m
99100075	75x20 Herringbone Cable Tray White	75x20	Box	56 m
99100076	90x20 Herringbone Cable Tray White	90x20	Box	44 m

System Cable Trays with Internal Lid



Ref. No	Description	Section (mm)	Packaging Type	Pcs / Meter
System Cable Trays with Internal Lid				
99100060	100x50 Tray	100x50	Box	16 m
99100070	100x35 Tray	100x35	Box	24 m
99100061	100x50/35 Internal Corner	100x50/35	Box	7 adet
99100062	100x50/35 External Corner	100x50/35	Box	7 adet
99100063	100x50/35 Elbow	100x50/35	Box	12 adet
99100064	100x50/35 T Elbow	100x50/35	Box	10 adet
99100065	100x50/35 Termination Cap	100x50/35	Box	14 adet
99100066	100x50/35 Tray Merger	100x50/35	Box	20 adet
99100067	100x50/35 Partition	100x50/35	Box	256 m



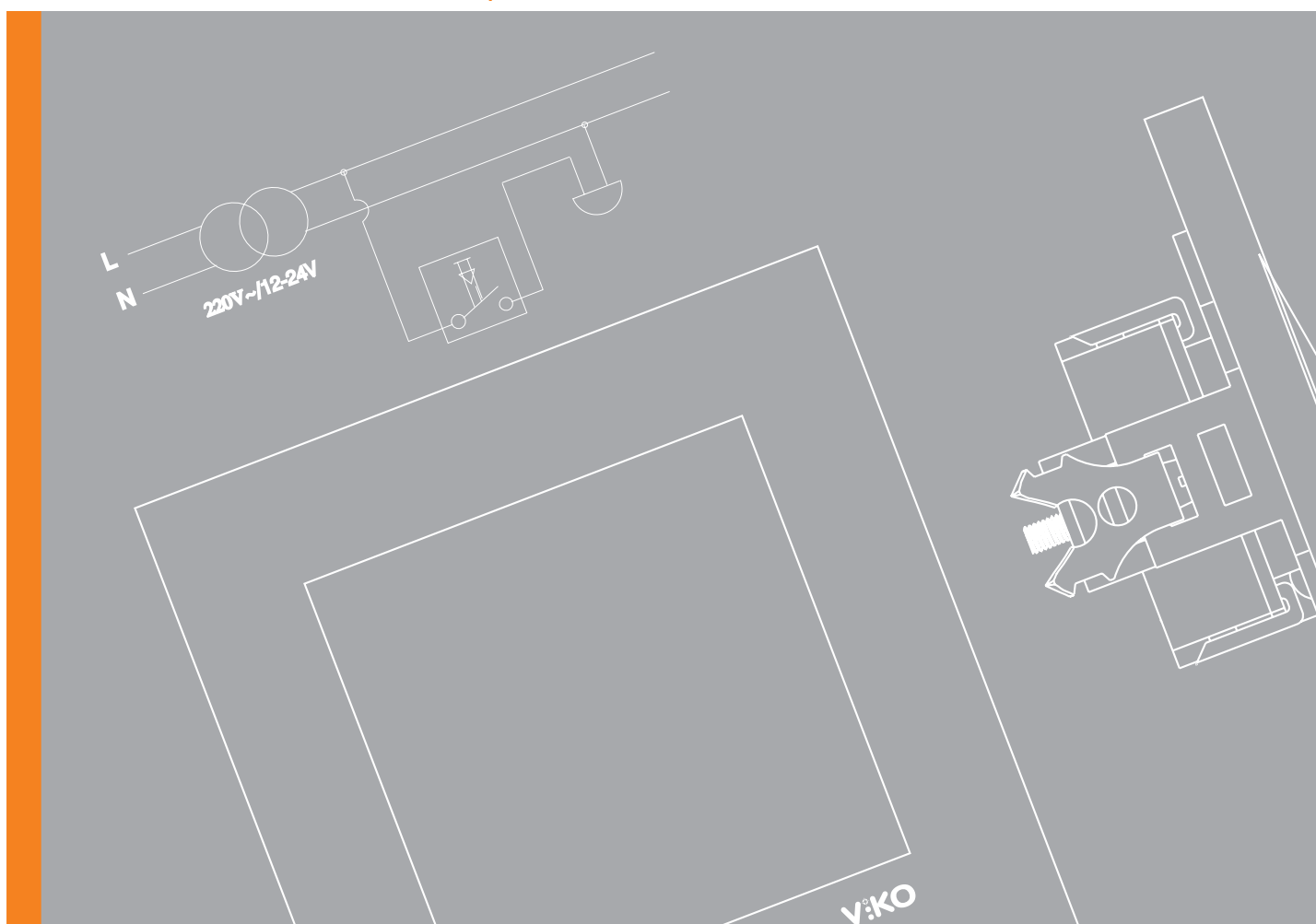
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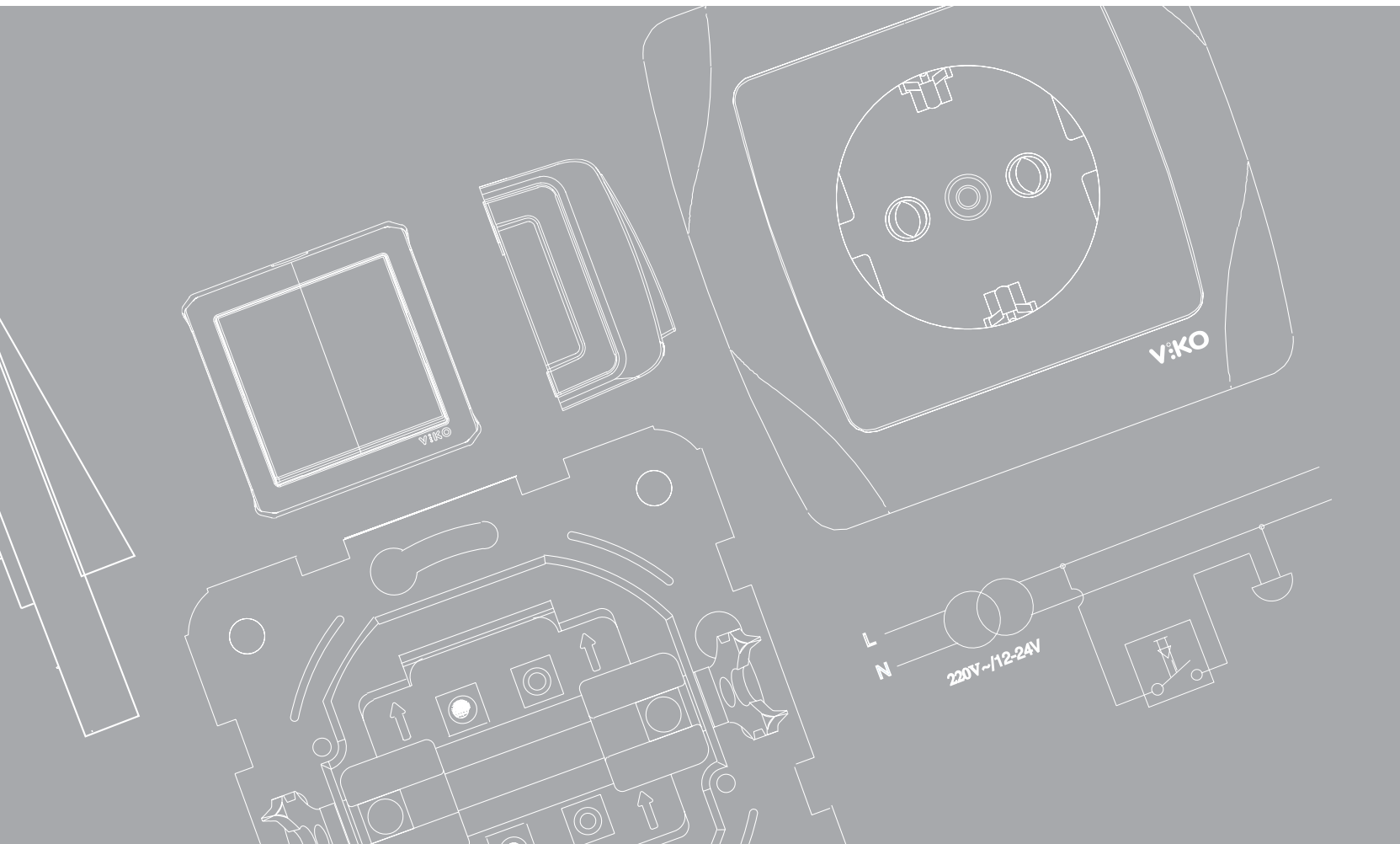


Ref. No	Description	Color	Module
Earthed Socket - Safety Shutter			
90800001	Earthed Socket	White	2 Modules
90800003	Earthed Socket 45°	White	2 Modules
90800005	Earthed Socket with Lid	White	2 Modules
90800006	Earthed Socket, Orange	Orange	2 Modules
90800007	Earthed Socket, Green	Green	2 Modules
90800044	Universal Socket	White	2 Modules
90800008	2-Gang Earthed Socket 45° White	White	2 Modules
90800009	3-Gang Earthed Socket 45° White	White	2 Modules
USB Socket- Safety Shutter			
90800002	UPS Socket, Red	Red	2 Modules
90800004	UPS Socket 45°	Red	2 Modules
90800016	Guided UPS Socket 45° Red	Red	2 Modules
90800090	Guided UPS Socket Accessory	Red	2 Modules
90800011	2-Gang UPS Socket 45° Red	Red	2 Modules
90800012	3-Gang UPS Socket 45° Red	Red	2 Modules
Data Sockets			
90800036	TV Socket with F Connector	White	1 Modules
90800026	CAT5 UTP Socket	White	1 Modules
90800027	CAT5 UTP Socket	White	2 Modules
90800028	CAT5 FTP Socket	White	1 Modules
90800029	CAT5 STP Socket	White	1 Modules
90800020	CAT6 UTP Socket	White	1 Modules
90800021	CAT6 UTP Socket	White	2 Modules
90800022	CAT6 UTP Socket	White	1 Modules
90800023	CAT6A STP Socket	White	1 Modules
90800024	CAT6A FTP Socket	White	1 Modules
90800025	CAT6 STP Socket	White	1 Modules
Phone Socket			
90800030	RJ11 Phone Socket	White	1 Modules
90800031	RJ11 Phone Socket	White	2 Modules
Audio - Video - USB Sockets			
90800032	HD15 (VGA) Connector	White	1 Modules
90800033	Connector for HDMI Connection	White	1 Modules
90800035	USB Charger Socket (2A)	White	2 Modules
90800041	3.5 mm Jack	White	1 Modules
90800042	RCA Connector	White	1 Modules
90800043	USB Connector	White	1 Modules
Accessories			
90800039	Gap Cover	White	1 Modül
90800045	Data/Numeris Lid -Lossless	White	1 Modül
90800046	Data/Numeris Lid -Lossless	White	2 Modül
Body + Frame			
90800080	Cable Tray Mounting Frame 2 Modules	White	2 Modül
90800081	Cable Tray Mounting Frame 4 Modules	White	4 Modül
90800082	Cable Tray Mounting Frame 6 Modules	White	6 Modül
90800083	Cable Tray Mounting Frame 8 Modules	White	8 Modül

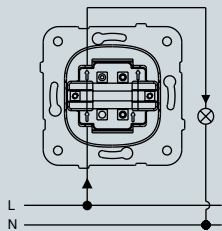
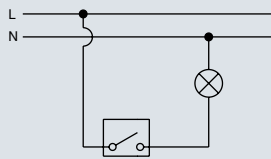
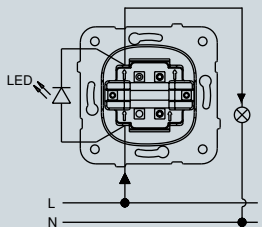
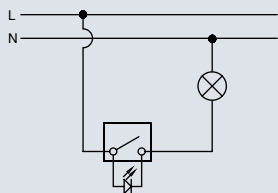
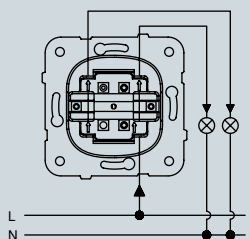
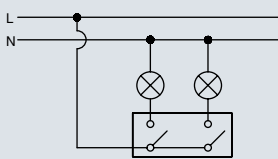
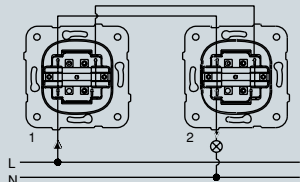
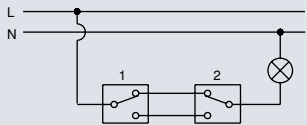
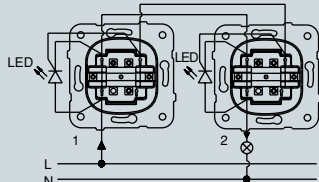
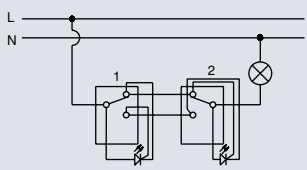
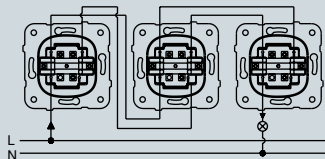
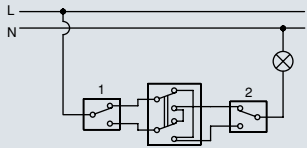


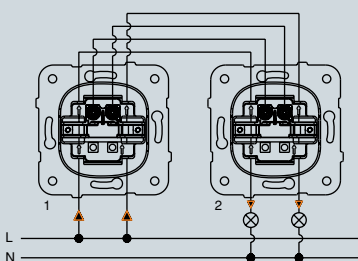
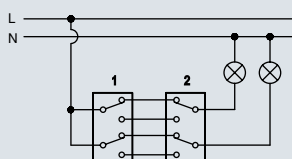
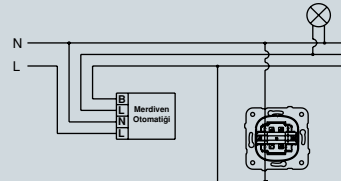
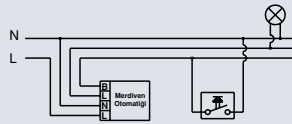
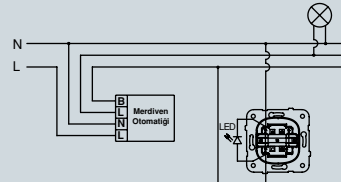
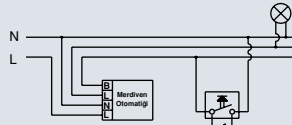
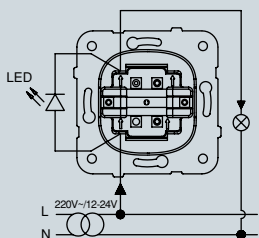
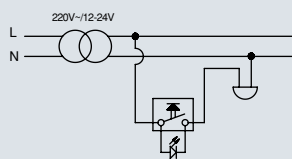
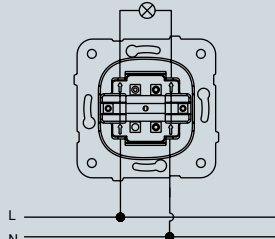
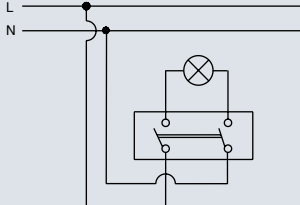
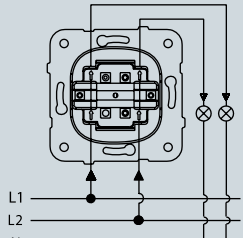
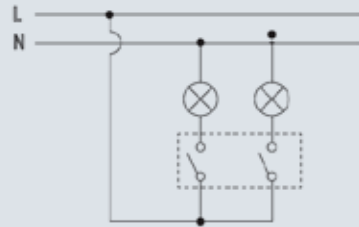
Technical specifications



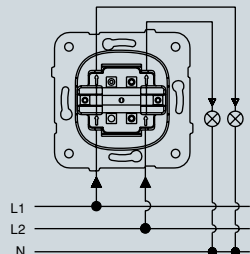
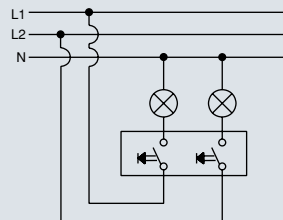
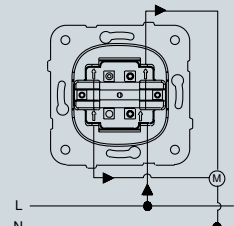
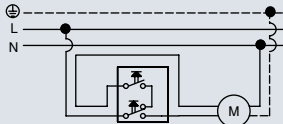
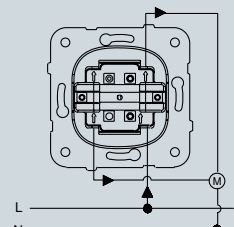
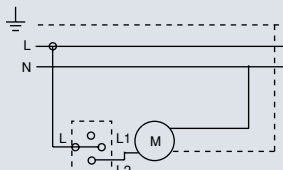
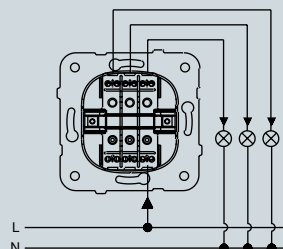
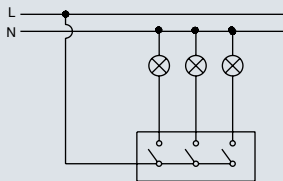
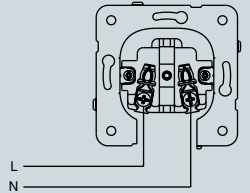
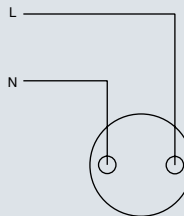
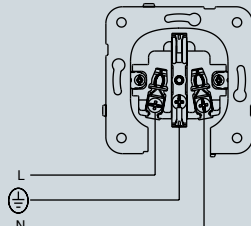
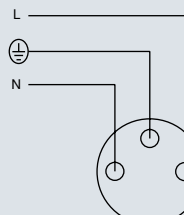


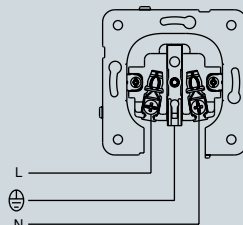
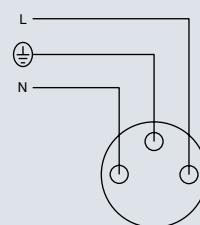
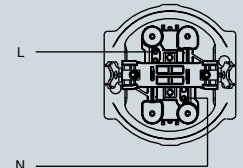
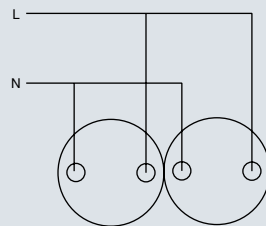
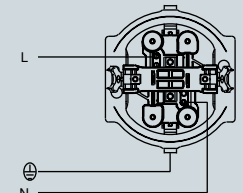
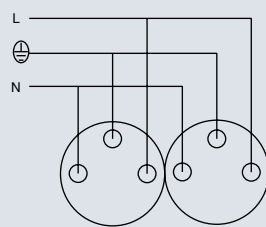
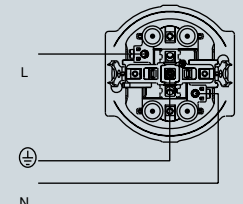
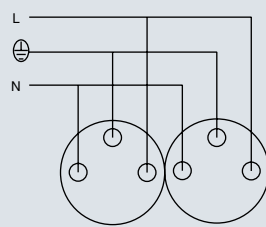
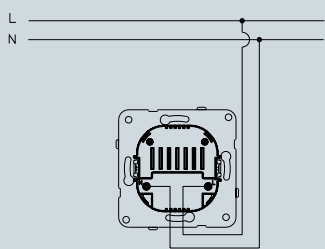
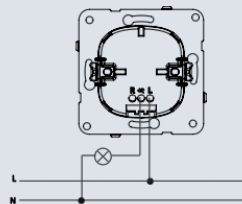
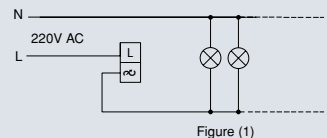
Technical Specifications

	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

Switches		Technical Specifications	Wiring Diagram	Circuit Diagram
	 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 - Safety shutter option		
	 Socket 2P+E	16A, 250V~ 2P+E - Quick connection option - Safety shutter, label and lid option		

		Technical Specifications	Wiring Diagram	Circuit Diagram												
Sockets	 Earthed Socket 2P+E (French Standard)	• 16A, 250V~ • 2P+E (French Standard) • Safety shutter • Quick connection option • Label and lid option														
	 Double Socket 2P	• 16A, 250V~ • 2P • Safety shutter option														
	 Double Socket 2P+E	• 116A, 250V~ • 2P • Safety shutter option														
	 Double Socket 2P+E (French Standard)	• 16A, 250V~ • 2P+E (French Standard) • Safety shutter														
	 USB Charger Socket	<table><tr><td>Input Voltage</td><td>230 V AC ± %10 50Hz</td></tr><tr><td>Outputs</td><td>2 x USB Tip A</td></tr><tr><td>Output Voltage</td><td>5 V DC ± %5</td></tr><tr><td>Total Output Current</td><td>2.0 A</td></tr><tr><td>Operating Temperature</td><td>+ 10°C ... +40°C</td></tr></table>	Input Voltage	230 V AC ± %10 50Hz	Outputs	2 x USB Tip A	Output Voltage	5 V DC ± %5	Total Output Current	2.0 A	Operating Temperature	+ 10°C ... +40°C				
Input Voltage	230 V AC ± %10 50Hz															
Outputs	2 x USB Tip A															
Output Voltage	5 V DC ± %5															
Total Output Current	2.0 A															
Operating Temperature	+ 10°C ... +40°C															
Dimmers	 Universal Dimmer	• Operating voltage 230 Vac +/- 10%, 50Hz • Switching Type: User-selected Front Edge or Rear Edge Triggering • Operating Temperature 0...35 °C • Load Types - Incandescent Filament Lamps - 230Vac Halogen Lamps - Low Voltage Halogen Lamps with Electronic Transformer - Low Voltage with Ferromagnetic Transformer • Halogen Lamps - Dimmable LED and Dimmable CFL Lamps • Protection Short Circuit & Overload • Standards in compliance with EN 60669-2-1, EN 60669-1 • Control Type Push Button	<table><tr><th>Load Type</th><th>Compatible Loads</th><th>Dim</th></tr><tr><td>R Type Load</td><td>Incandescent and Halogen Lamps 230V</td><td>Triggering from Start</td></tr><tr><td>L Type Load</td><td>Halogen Lamps with Mechanical Transformer / Halogen Lamps with Low Voltage</td><td></td></tr><tr><td>C Type Load</td><td>Halogen Lamps with Electronic Transformer / Halogen Lamps with Low Voltage</td><td></td></tr></table>	Load Type	Compatible Loads	Dim	R Type Load	Incandescent and Halogen Lamps 230V	Triggering from Start	L Type Load	Halogen Lamps with Mechanical Transformer / Halogen Lamps with Low Voltage		C Type Load	Halogen Lamps with Electronic Transformer / Halogen Lamps with Low Voltage		
	Load Type	Compatible Loads	Dim													
R Type Load	Incandescent and Halogen Lamps 230V	Triggering from Start														
L Type Load	Halogen Lamps with Mechanical Transformer / Halogen Lamps with Low Voltage															
C Type Load	Halogen Lamps with Electronic Transformer / Halogen Lamps with Low Voltage															
 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)	<table><tr><th>Load Type</th><th>Compatible Loads</th><th>Dim</th></tr><tr><td>R Type Load</td><td>Incandescent and Halogen Lamps 230V</td><td>Triggering from Start</td></tr><tr><td>L Type Load</td><td>Halogen Lamps with Mechanical Transformer / Halogen Lamps with Low Voltage</td><td></td></tr></table>	Load Type	Compatible Loads	Dim	R Type Load	Incandescent and Halogen Lamps 230V	Triggering from Start	L Type Load	Halogen Lamps with Mechanical Transformer / Halogen Lamps with Low Voltage		 Figure (1)				
Load Type	Compatible Loads	Dim														
R Type Load	Incandescent and Halogen Lamps 230V	Triggering from Start														
L Type Load	Halogen Lamps with Mechanical Transformer / Halogen Lamps with Low Voltage															

Technical Specifications

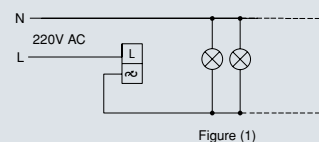


Rotary Dimmer RL 1000W

- RL Dimmer
- Maximum Output: 1000W (R Type Load), 800VA (L Type Load)
- Minimum Output: 60W (R Type Load), 100VA (L Type Load)

Load Type	Compatible Loads	Dim
R Type Load	Incandescent and Halogen Lamps 230V	Triggering from Start
L Type Load	Halogen Lamps with Mechanical Transformer / Halogen Lamps with Low Voltage	

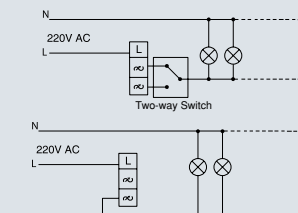
Circuit Diagram



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

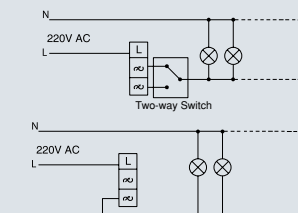
Load Type	Compatible Loads	Dim
R Type Load	Incandescent and Halogen Lamps 230V	Triggering from Start
L Type Load	Halogen Lamps with Mechanical Transformer / Halogen Lamps with Low Voltage	
LED	Dimmable LED Lamp	



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

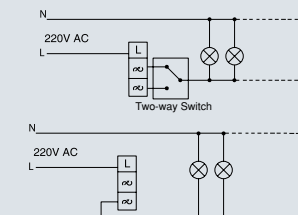
Load Type	Compatible Loads	Dim
R Type Load	Incandescent and Halogen Lamps 230V	Triggering from Start
L Type Load	Halogen Lamps with Mechanical Transformer / Halogen Lamps with Low Voltage	



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

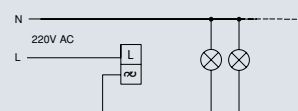
Load Type	Compatible Loads	Dim
R Type Load	Incandescent and Halogen Lamps 230V	Triggering from Start
C Type Load	Halogen Lamps with Electronic Transformer / Halogen Lamps with Low Voltage	



Pro Dimmer RLC 20-350W/VA

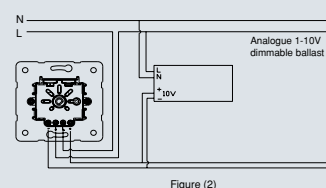
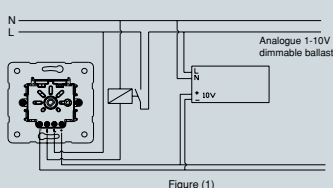
- RLC Dimmer
- Maximum Output: 350W (R Type Load), 350VA (L Type Load), 350VA (C Type Load)
- Minimum Output: 20W
- Feature to use as two-way switch
- Feature to switch on/off at the set level of dimming

Load Type	Compatible Loads	Dim
R Type Load	Incandescent and Halogen Lamps 230V	Triggering from Start and End
L Type Load	Halogen Lamps with Mechanical Transformer / Halogen Lamps with Low Voltage	
C Type Load	Halogen Lamps with Mechanical Transformer / Halogen Lamps with Low Voltage	



1-10V Dimmer

- 1-10V
- Dimmable ballast
- Feature to switch on/off at the set level of dimming





TV Socket

Technical Specifications

- 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

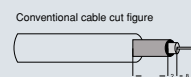
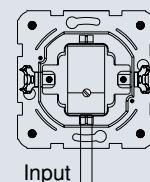
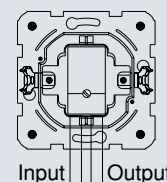
Tables

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

Circuit Diagram

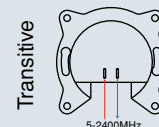
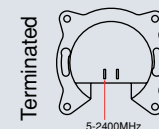


TV and Satellite Socket (TV - SAT)

- 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						

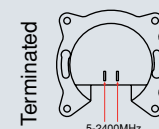
TV - SAT (Through-pass)										
Frequency range (f/MHz)	5 MHz	860 MHz	950 MHz	1000 MHz	1,2 GHz	1,6 GHz	2,0 GHz	2,25 GHz	2,4 GHz	
SAT IN-OUT (dB)	≤ 11,5	≤ 11,5	≤ 11,5	≤ 12	≤ 12,5	≤ 14	≤ 14	≤ 14	≤ 14,5	
SAT IN-TAP (dB)	≤ 2,5	≤ 2,5	≤ 2,5	≤ 2,5	≤ 3	≤ 3,8	≤ 4,5	≤ 5	≤ 5,5	
TV IN-OUT (dB)	≤ 1,6	≤ 1,7	≤ 1,8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



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.

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	



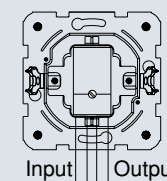
Two-Gang Satellite Socket (SAT-SAT-TV)



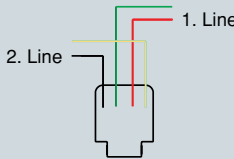
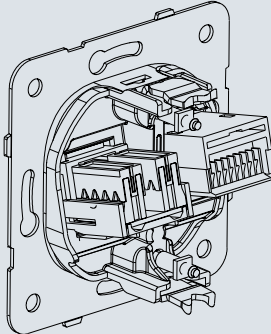
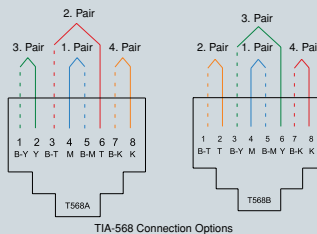
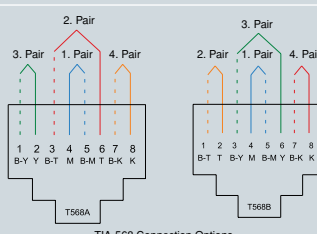
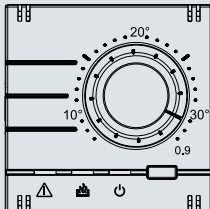
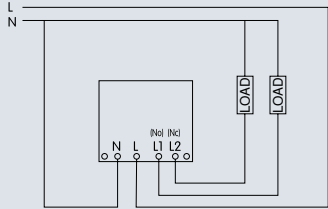
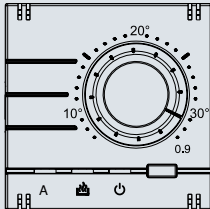
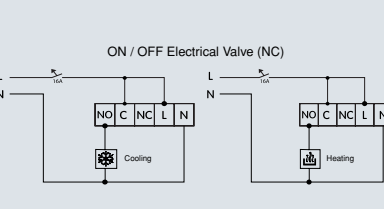
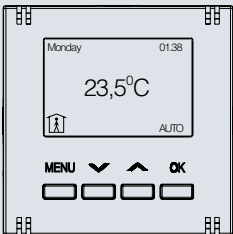
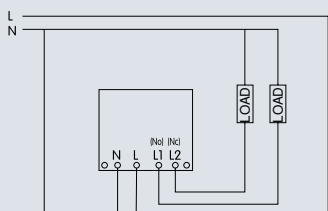
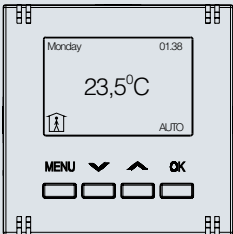
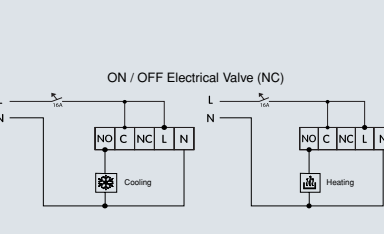
Satellite Socket (SAT) F Connector

- 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. (Geçişli 10dB, sonlu)

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

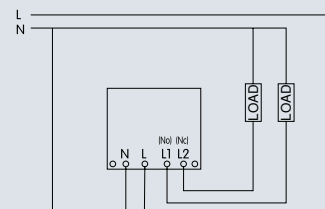
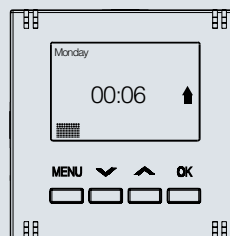
		Technical Specifications	Wiring Diagram	Circuit Diagram																					
Datas	 Numeric Telephone Socket (RJ11)	- Connector structure complying with RJ11 standard has four contacts. - Two telephone lines can be connected. - Green and red wires are used for the 1st line, yellow and black wires for 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.																							
	 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.																							
Electronic Products	 Analogue Thermostat (Heating)	<table><tr><td>Maximum output current</td><td>NO: 10(2)A 230V AC</td></tr><tr><td>• Changeover/Normal open contact</td><td>NC: 5(1) 230V AC</td></tr><tr><td>• Changeover/Normal close contact</td><td></td></tr><tr><td>Operating voltage</td><td>230V AC +/-10%, 50Hz</td></tr><tr><td>Temperature control range</td><td>10-30°C +/-1°C</td></tr><tr><td>Minimum switching time</td><td>5 min</td></tr><tr><td>Operating temperature</td><td>0 - 30°C</td></tr><tr><td>Protection</td><td>IP20</td></tr><tr><td>Standard</td><td>EN 60730-1 EN 60730-2-9</td></tr></table>	Maximum output current	NO: 10(2)A 230V AC	• Changeover/Normal open contact	NC: 5(1) 230V AC	• Changeover/Normal close contact		Operating voltage	230V AC +/-10%, 50Hz	Temperature control range	10-30°C +/-1°C	Minimum switching time	5 min	Operating temperature	0 - 30°C	Protection	IP20	Standard	EN 60730-1 EN 60730-2-9					
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 Analogue Thermostat (Heating/Cooling)	<table><tr><td>Maximum output current</td><td>NO: 6(2)A 230V AC</td></tr><tr><td>• Changeover/Normal open contact</td><td>NC: 4(1)A 230V AC</td></tr><tr><td>• Changeover/Normal close contact</td><td></td></tr><tr><td>Operating voltage</td><td>230V AC +/-10%, 50Hz</td></tr><tr><td>Temperature control range</td><td>10 - 30°C +/-1°C</td></tr><tr><td>Minimum switching time</td><td>1 min</td></tr><tr><td>Operating temperature</td><td>0°C---+50°C</td></tr><tr><td>Protection</td><td>IP20</td></tr><tr><td>Standard</td><td>EN 60730-1 EN 60730-2-9</td></tr></table>	Maximum output current	NO: 6(2)A 230V AC	• Changeover/Normal open contact	NC: 4(1)A 230V AC	• Changeover/Normal close contact		Operating voltage	230V AC +/-10%, 50Hz	Temperature control range	10 - 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						
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 Programmable Digital Thermostat (Heating)	<table><tr><td>Maximum output current</td><td>NO: 10(2)A 230V AC</td></tr><tr><td>• Changeover/Normal open contact</td><td>NC: 5(1)A 230V AC</td></tr><tr><td>• Changeover/Normal close contact</td><td></td></tr><tr><td>Operating voltage</td><td>230V AC +/-10%, 50Hz</td></tr><tr><td>Power reserve</td><td>25°C 6 hours</td></tr><tr><td>Temperature control range</td><td>5 - 30°C +/-1°C</td></tr><tr><td>Memory</td><td>4 different program setting per a day</td></tr><tr><td>Minimum switching time</td><td>5 min</td></tr><tr><td>Operating temperature</td><td>0 - 30°C</td></tr><tr><td>Protection</td><td>IP20</td></tr><tr><td>Standard</td><td>EN 60730-1 EN 60730-2-9"</td></tr></table>	Maximum output current	NO: 10(2)A 230V AC	• Changeover/Normal open contact	NC: 5(1)A 230V AC	• Changeover/Normal close contact		Operating voltage	230V AC +/-10%, 50Hz	Power reserve	25°C 6 hours	Temperature control range	5 - 30°C +/-1°C	Memory	4 different program setting per a day	Minimum switching time	5 min	Operating temperature	0 - 30°C	Protection	IP20	Standard	EN 60730-1 EN 60730-2-9"		
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Technical Specifications



Programmable Shutter Control

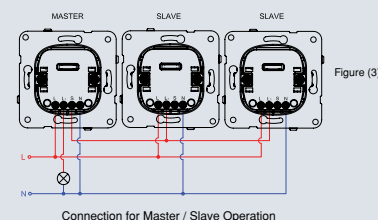
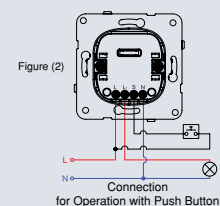
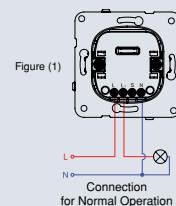
Maximum output current	NC: 5(2)A 230V AC
Operating voltage	230V AC $\pm 10\%$, 50Hz
Power reserve	25°C 6 hours
Memory	4 different program setting per a day
Operating temperature	0°C - 30°C
Protection	IP20
Standard	EN 60669-2-1



Motion Detector

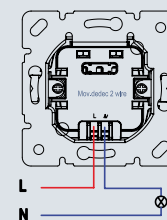
With Neutral (3 Wire)

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 filament: 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 filament) 80A



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



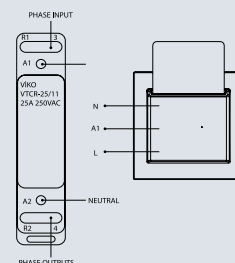


Energy Saver

Technical Specifications

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 comp	EN 60669-2-1



Mechanical Switch Energy Saver 5V DC-

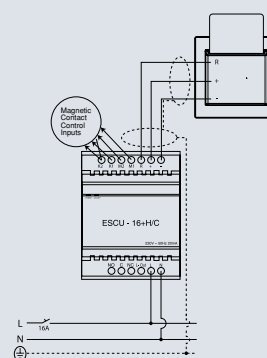
Operating voltage	5V DC-
Operating temperature	0°C...45°C
Maximum switching current	0,03A...0,2A
Connection wire	Minimum 0,50mm2 diameter
Card sensing method	Mechanical

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

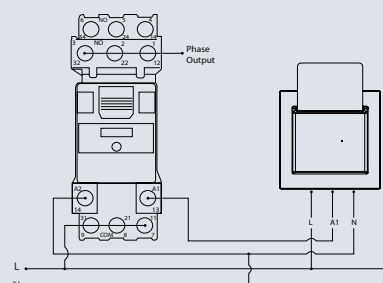


Standard Energy Saver - Delayed

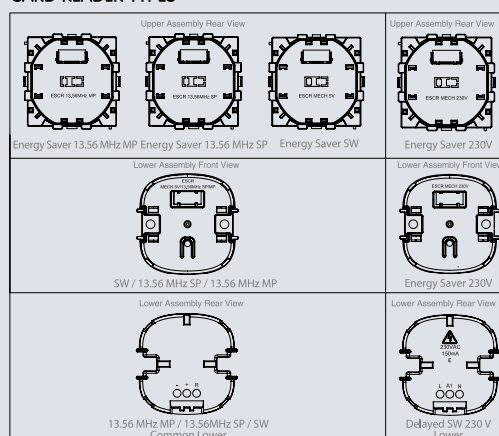
Operating voltage	230V AC~ 50Hz
Operating temperature	0°C -45°C
Maximum switching current	0,5A
Connection wire	Minimum 0,50mm2 diameter
Opening time	Maksimum 1 sec.
Closing delay	25...30 sec.
Standard compliance	EN 60669-2-1

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



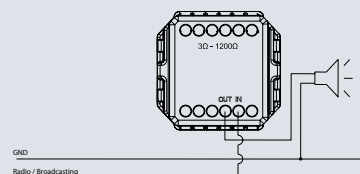
WARNING 230V lower assembly and 5V upper assembly should never be used together.

Technical Specifications



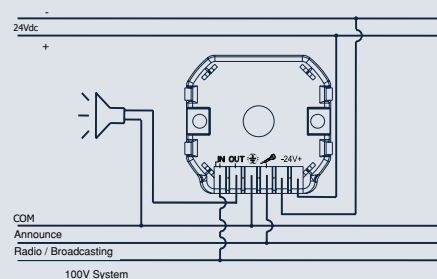
Volume Control Switch

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



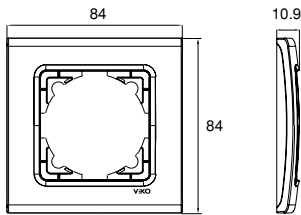
Volume Control Switch with Transformer

- 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.

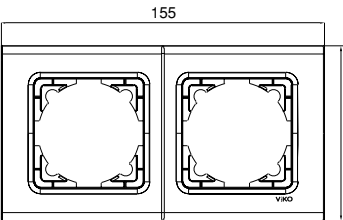


Technical Specifications

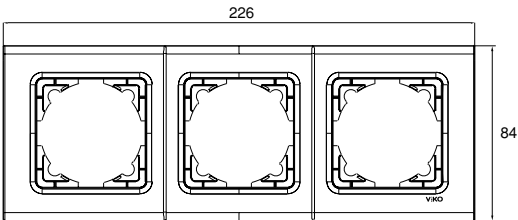
Linnera Frames



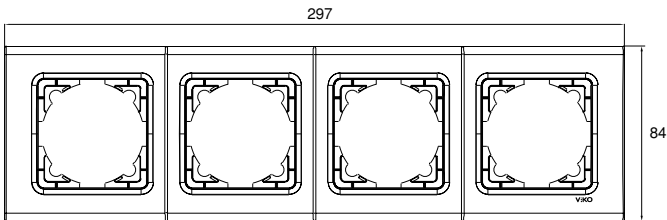
One-Gang Frame



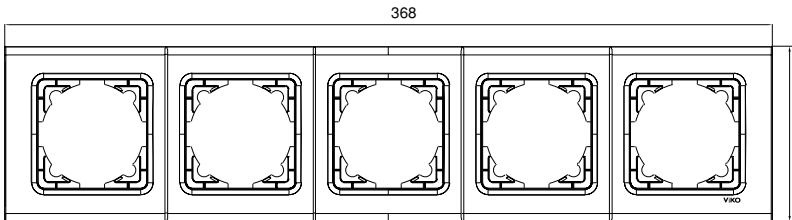
2-Gang Frame



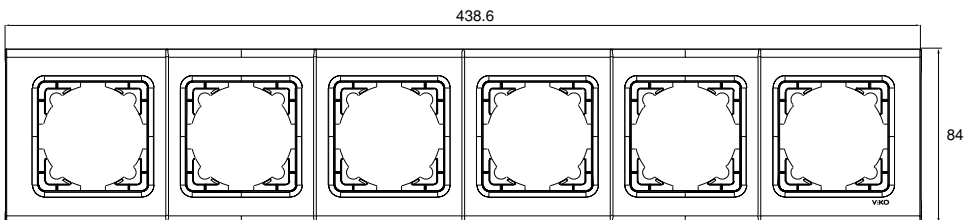
3-Gang Frame



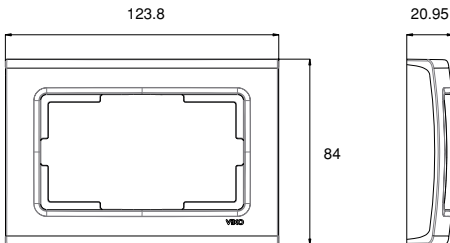
4-Gang Frame



5-Gang Frame



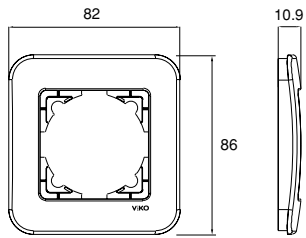
6-Gang Frame



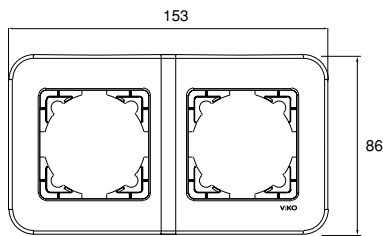
Flush Mounted Frame

* All dimensions are given in mm.

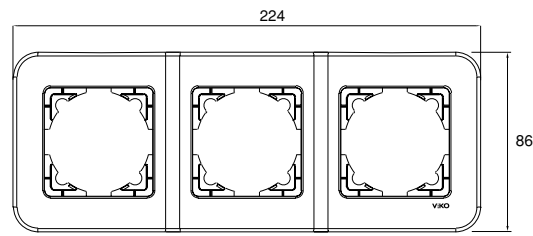
Rollina Frames



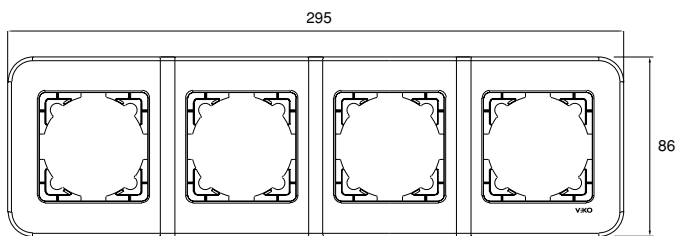
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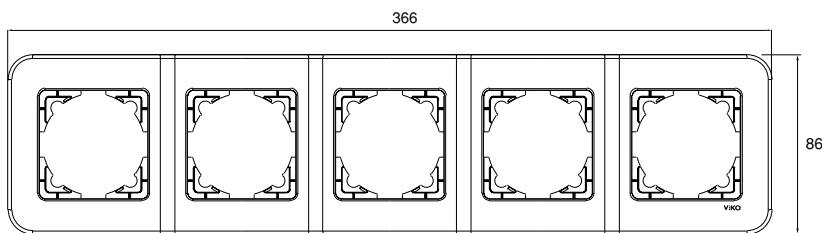
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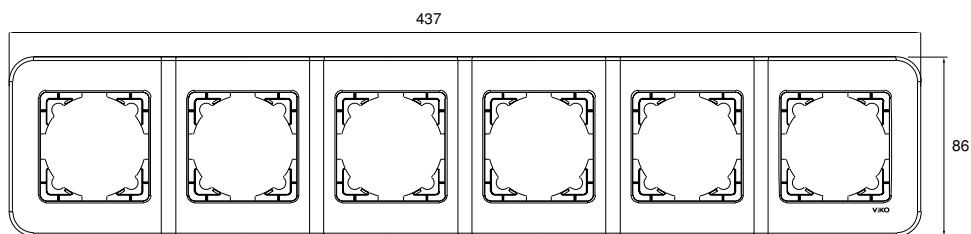
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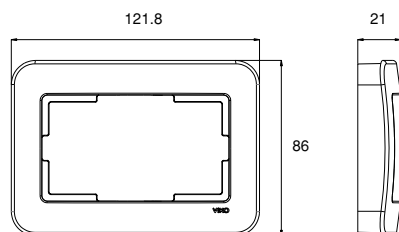
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5-Gang Frame



6-Gang Frame

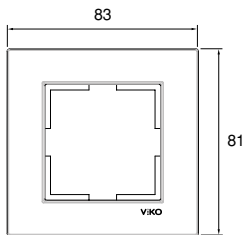


Flush Mounted Frame

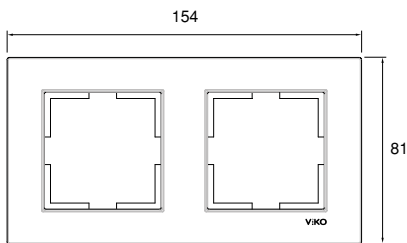
* All dimensions are given in mm.

Technical Specifications

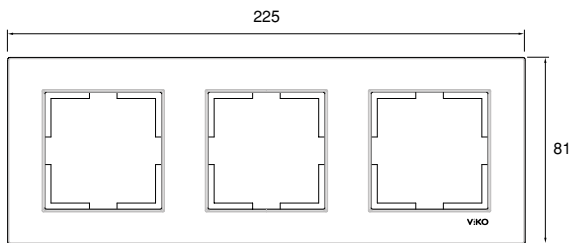
Karre Frames



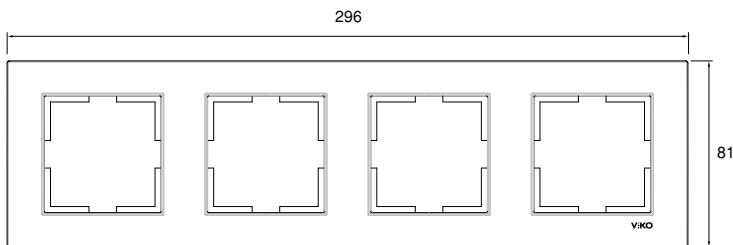
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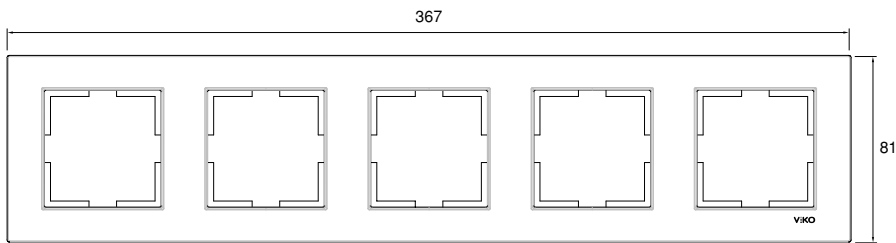
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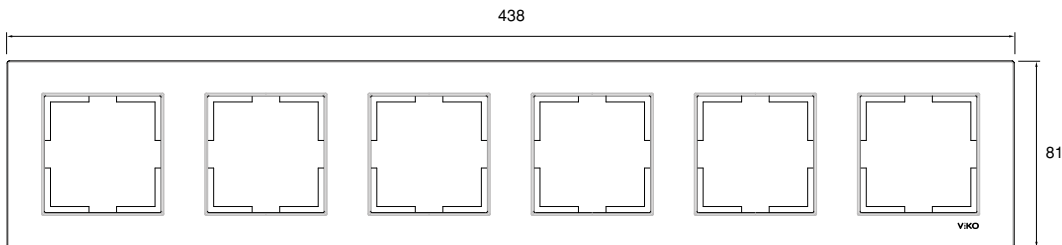
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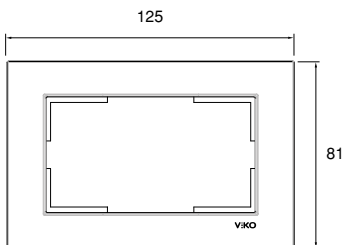
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5-Gang Frame



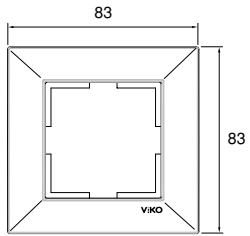
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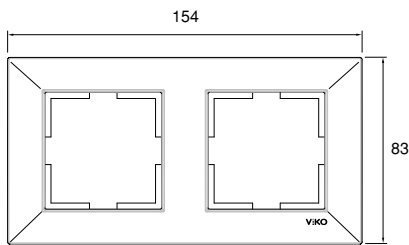
Flush Mounted Frame

* All dimensions are given in mm.

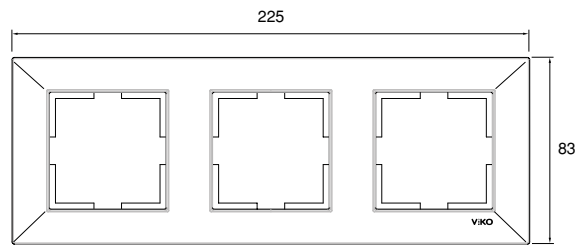
Meridian Frames



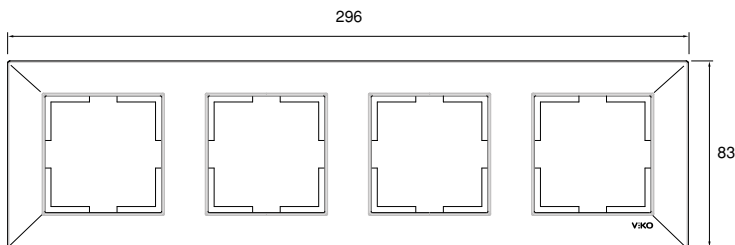
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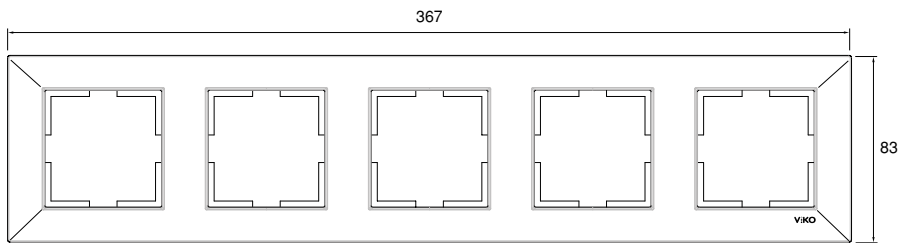
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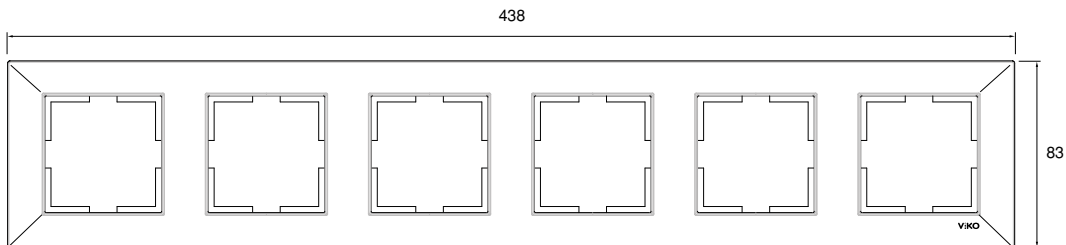
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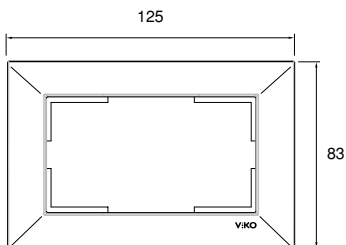
4-Gang Frame



5-Gang Frame



6-Gang Frame

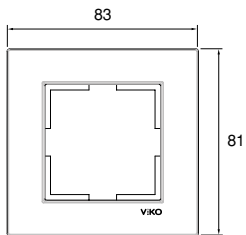


Flush Mounted Frame

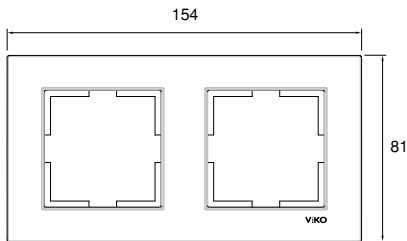
* All dimensions are given in mm.

Technical Specifications

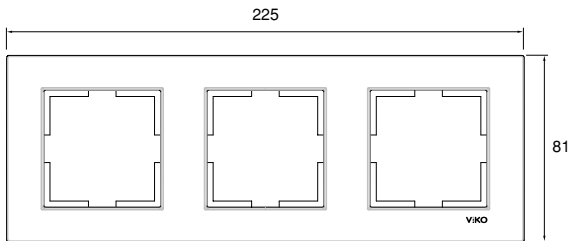
Novella Frames



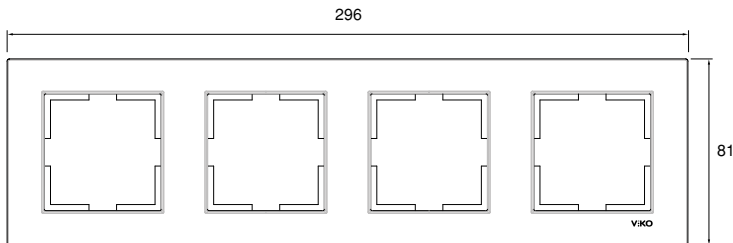
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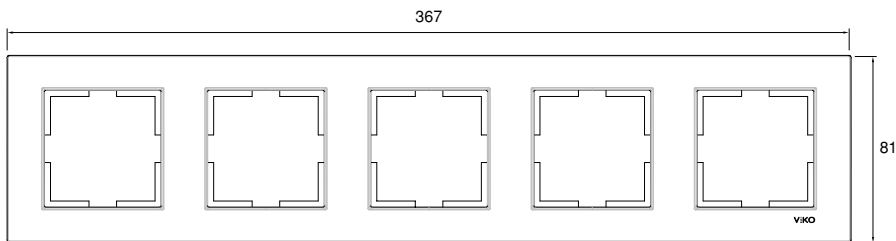
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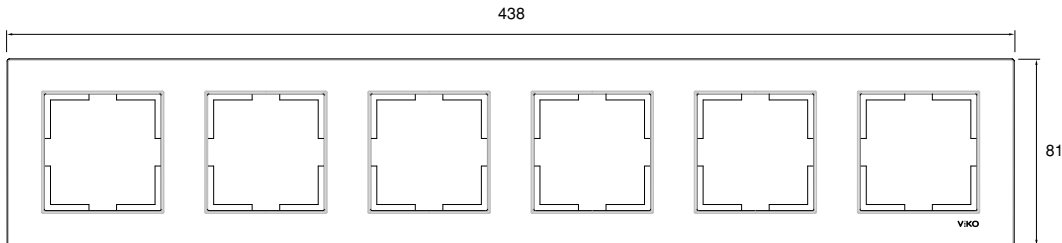
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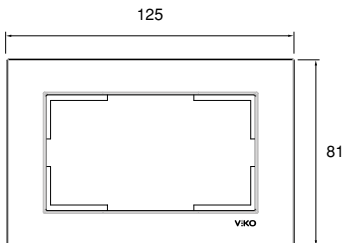
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5-Gang Frame



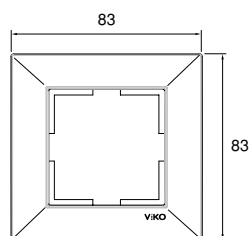
6-Gang Frame



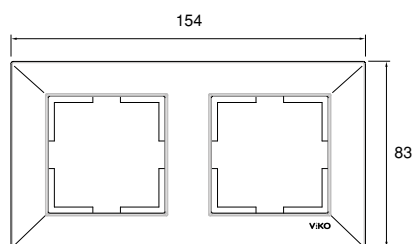
Flush Mounted Frame

* All dimensions are given in mm.

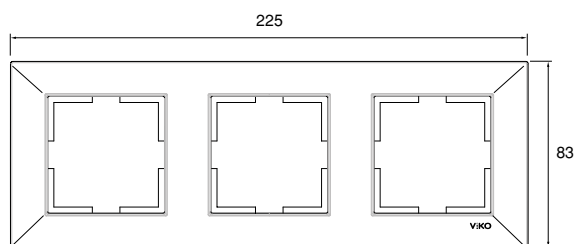
Trenda Frames



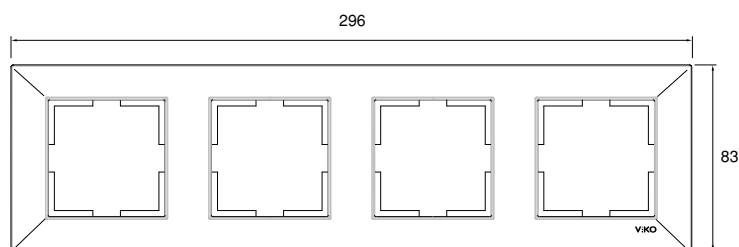
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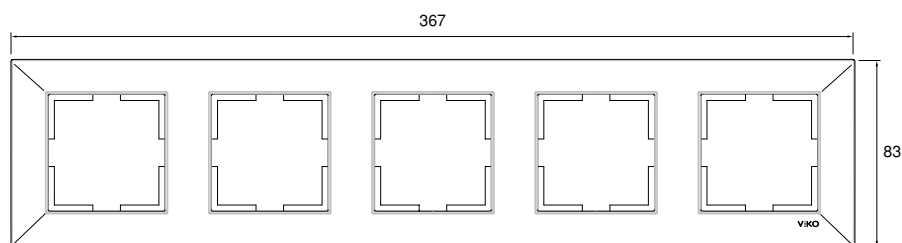
2-Gang Frame



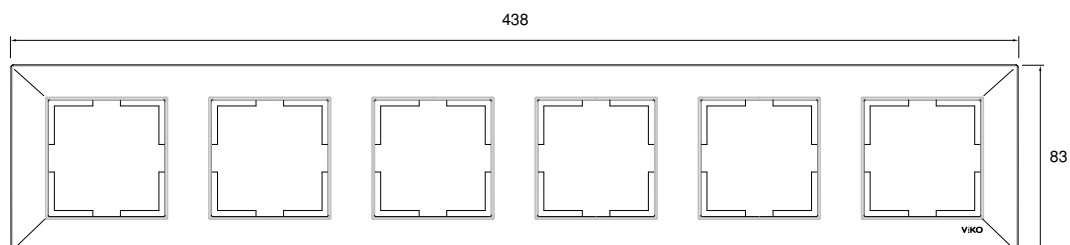
3-Gang Frame



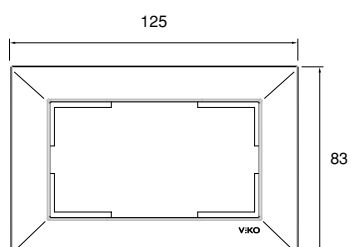
4-Gang Frame



5-Gang Frame



6-Gang Frame

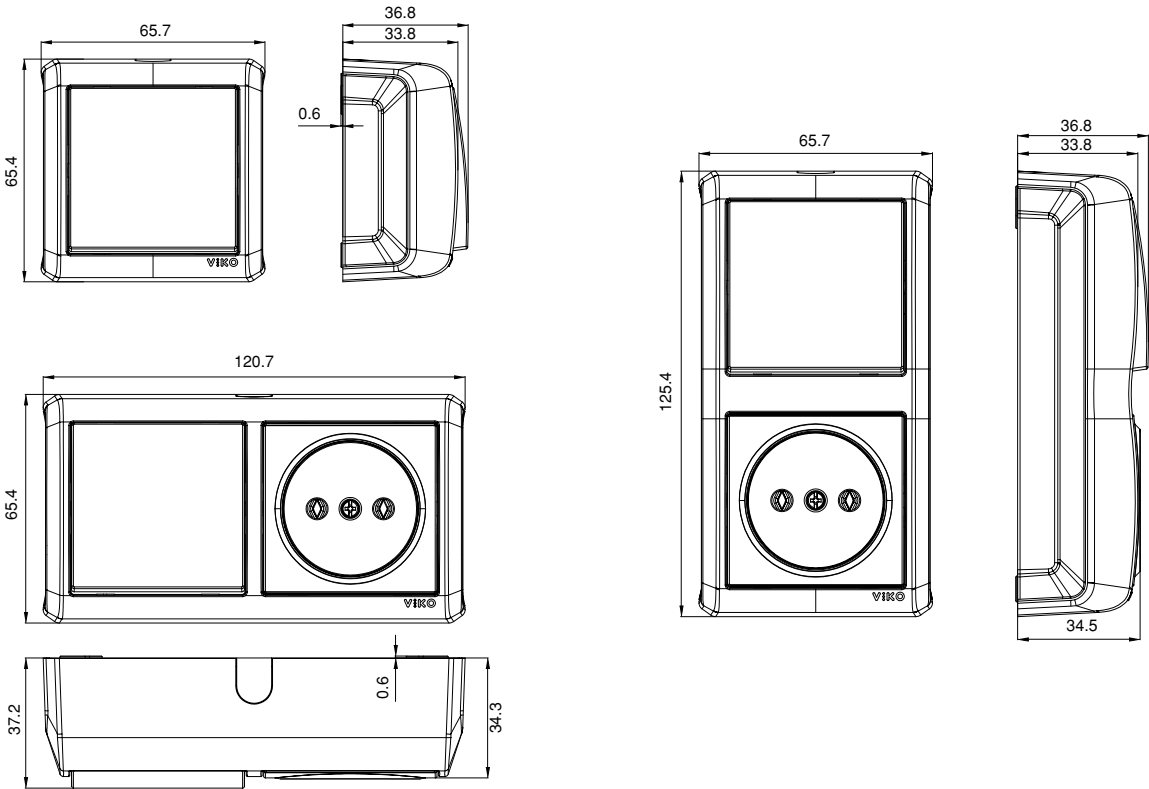


Flush Mounted Frame

* All dimensions are given in mm.

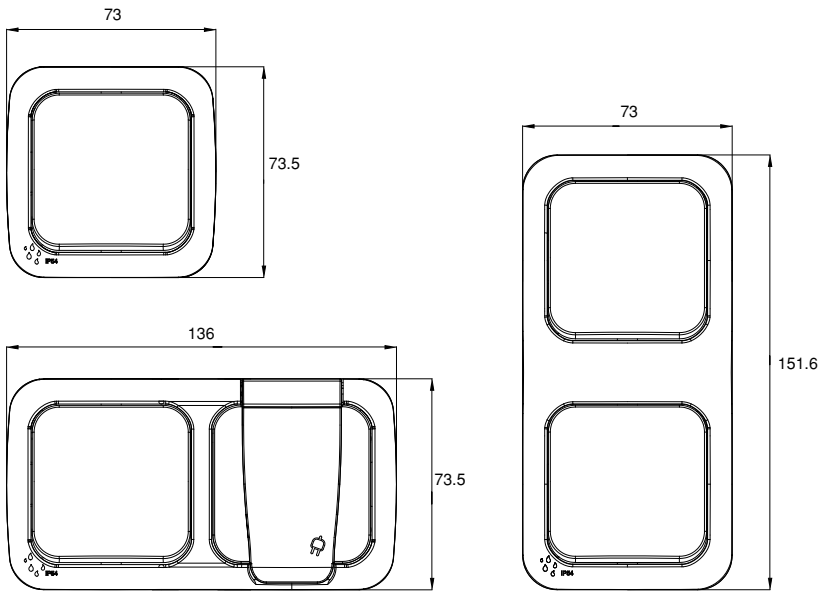
Technical Specifications

Vera Dimensions



* All dimensions are given in mm.

Palmiye Dimensions

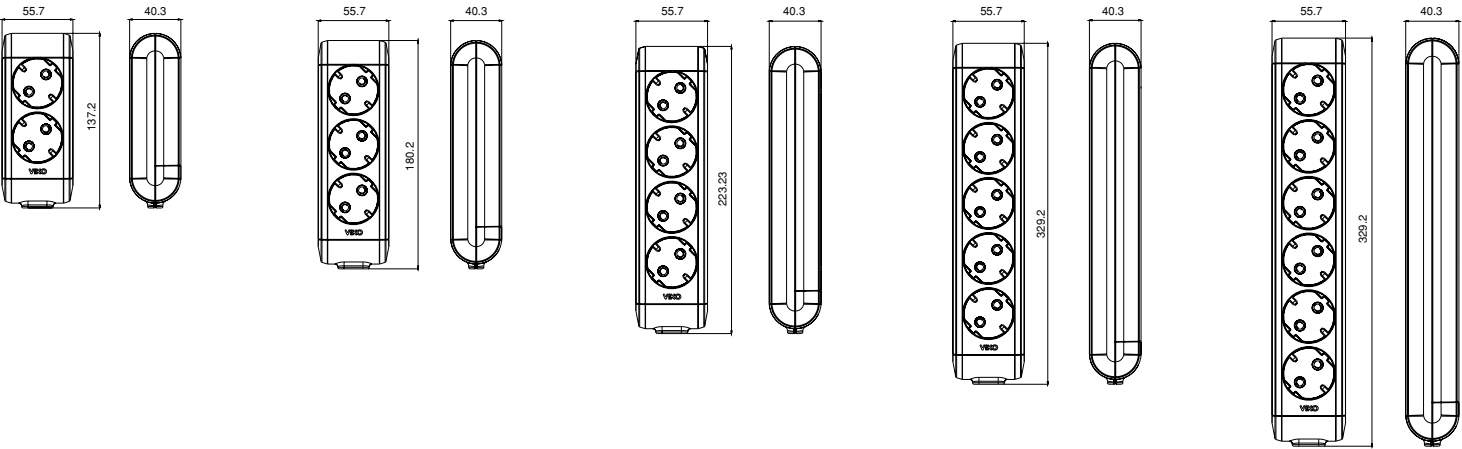


* All dimensions are given in mm.

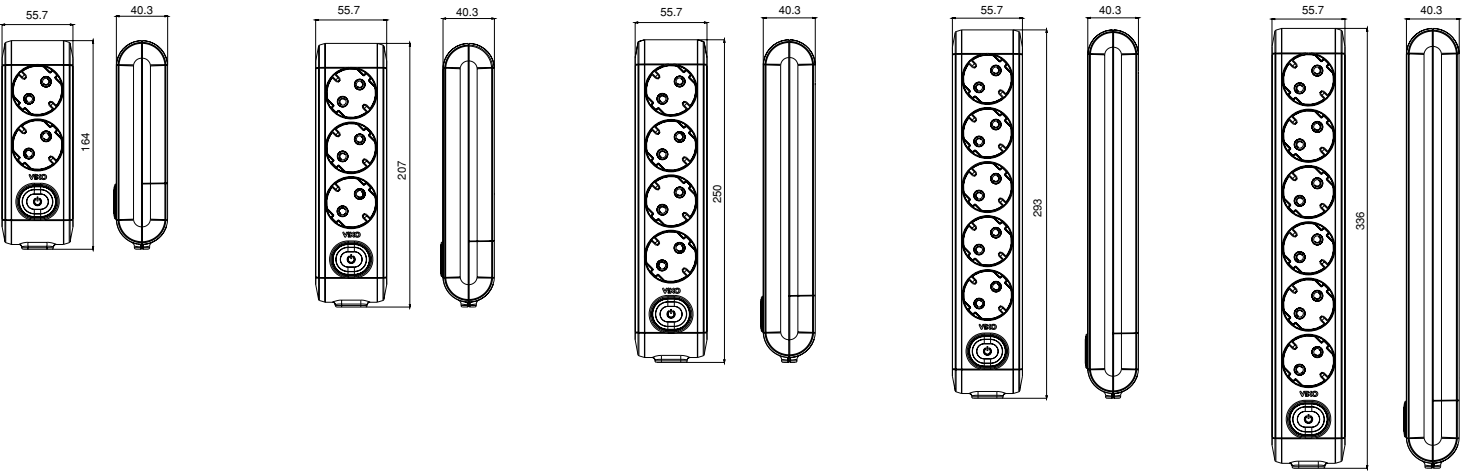
Technical Specifications

Multi-let Dimensions

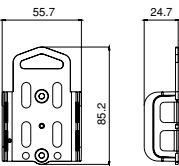
Earthed Socket



Earthed Socket with Switch



Holder Bracket



* All dimensions are given in mm.



multilet

WITH SHOCKPROOF GROUP SOCKET,
ALL YOUR ELECTRONIC DEVICES
**ARE SAFE AGAINST SUDDEN
OVERVOLTAGES**

- Fix it anywhere you want with the specially designed hanging apparatus or use it by hanging.
- Maximum safety with safety shutter.
- Illuminated switch that allows you to switch the power on and off easily.



- 6 socket inputs and 1.5 metre cord length.
- Control indicator for active monitoring of the protection status.
- 45-degree angled input slots for practical and easy use.

Low Voltage Switchgear Products

High trust in low voltage





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

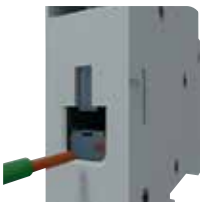


Compatibility with DIN Rails and Screw Assembly

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.



Indicator

Indicator 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.



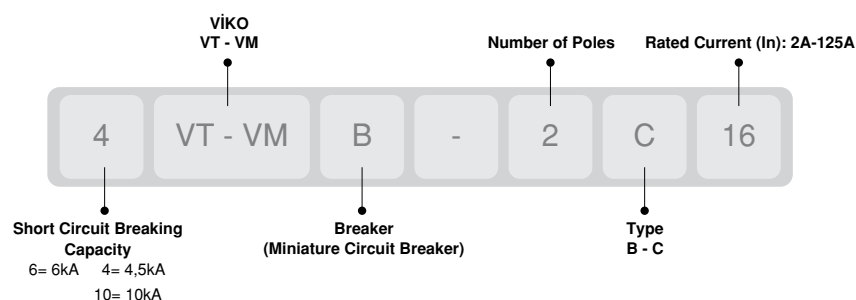
Compatibility with Accessories

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



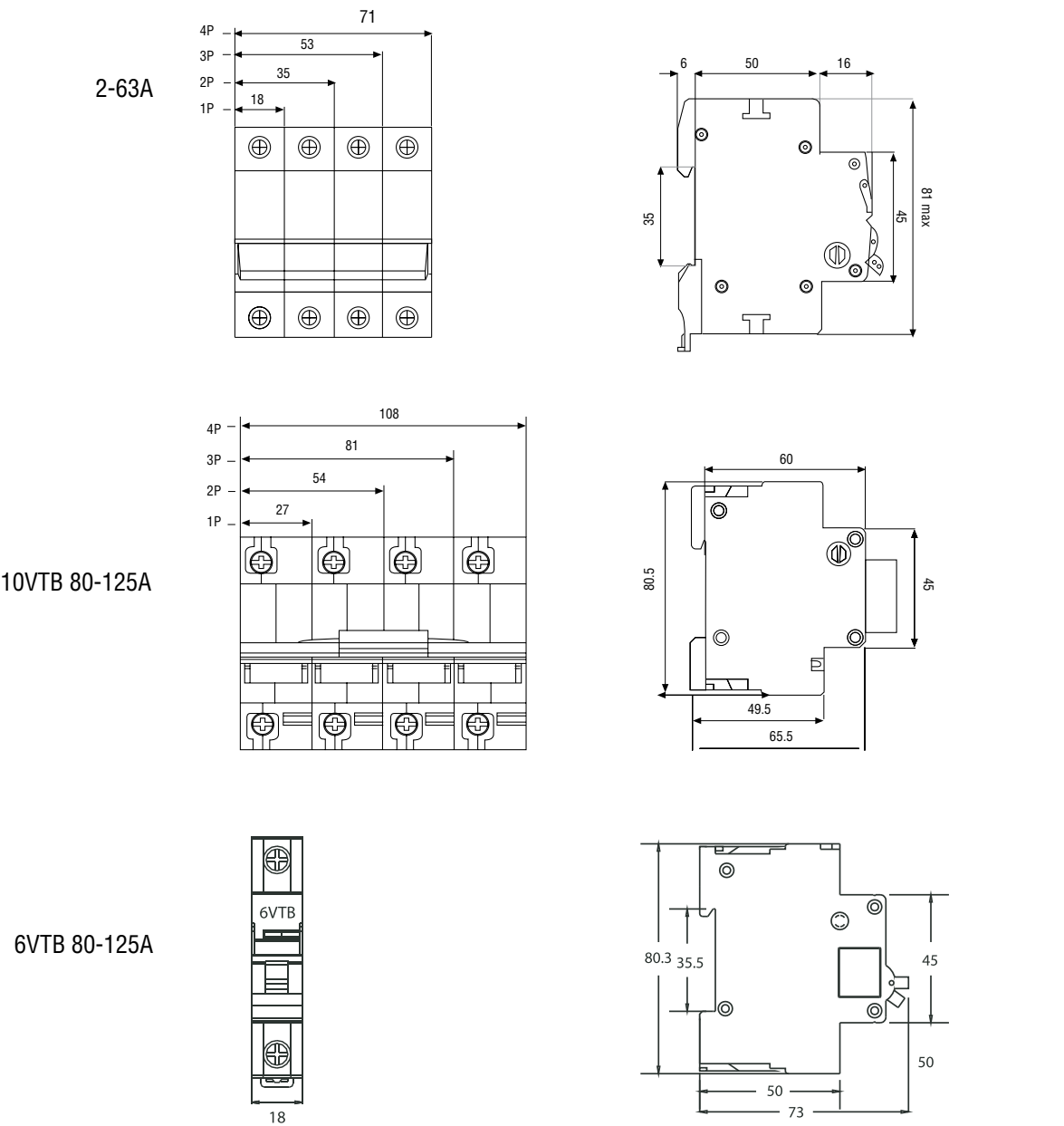
Technical Information

Model	4VMB				4VTB				6VTB				10VTB			
Protection	Overload and Short Circuit								Thermal and magnetic protection							
Standards	IEC60898 TS 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	 CE				 CE				 CE				 * CE			
Number of Poles	1P	2P	3P	4P	1P	2P	3P	4P	1P	2P	3P	4P	1P	2P	3P	4P
Tripping Characteristics	B-C	B-C	B-C	B-C	B-C	B-C	B-C	B-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	4.5kA - 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	4VMB: 4000 cycles; 4VTB: 4000 cycles; 6VTB&10VTB: 10000 cycles															
Mechanical Endurance	4VMB: 10000 cycles; 4VTB: 8000 cycles; 6VTB&10VTB: 20000 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															

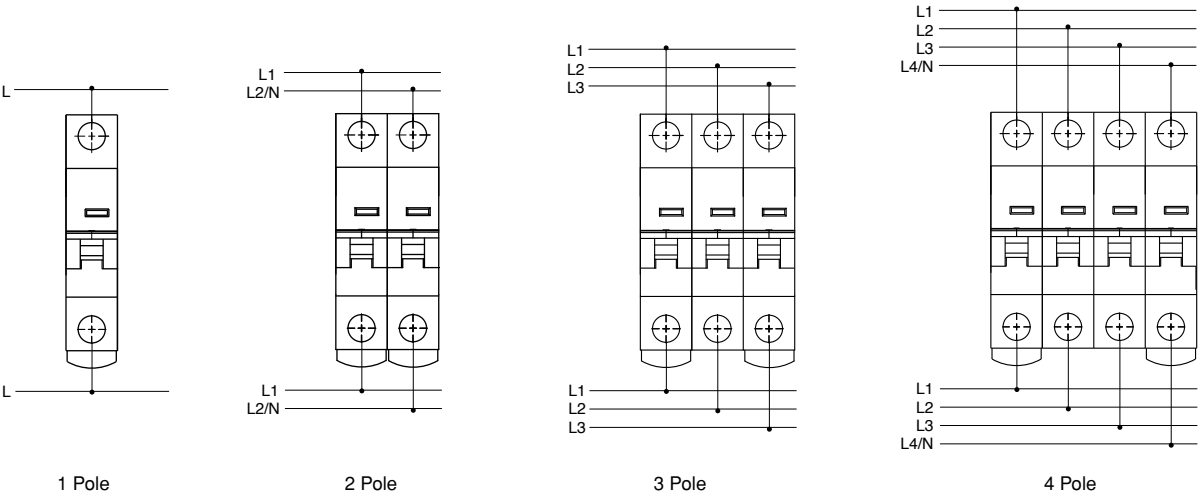


Miniature Circuit Breaker

Dimensions (mm)



Connection Diagram



Accessories



VIKO 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.



4VTB Series (2-63A) Miniature Circuit Breaker Accessories

Description		Ref. No
Auxiliary Contact	1NO + 1NC	VTBK-AU1/11
Shunt Relay	110/415V AC	VTBK-SR1
Under Voltage Coil		VTBK-UR1
Alarm Contact		VTBK-AC1

6VTB-10VTB Series (6-63A) Miniature Circuit Breaker Accessories

Description		Ref. No
Auxiliary Contact	1NO + 1NC	VTBK-AU1/11
Shunt Relay	110/415V AC	VTBK-SR1

6VTB (80-100-125A) Miniature Circuit Breakers

Description		Ref. No
Auxiliary Contact	1NO + 1NC	VTBK-AU3/11
Alarm Contact	1NO + 1NC	VTBK-AC2
Mechanic Lock		VTBK-MI2

10VTB (80-100-125A) Miniature Circuit Breaker Accessories

Description		Ref. No
Auxiliary Contact	1NO + 1NC	VTBK-AU4/11
Alarm Contact	1NO+1NC	VTBK-AC3
Mechanic Lock		VTBK-MI3

Versatile protection



Residual Current Operated Circuit Breaker regularly monitor the circuit to ensure the safe operation of electrical circuits, breaking the circuit if it detects an imbalance (such as overcurrent or short circuit). These devices are commonly used where there is a need to combine protection against overload, short circuit and earth leakage currents. A wide range of products is available to suit the needs of the installation.



V:KO Residual Current Operated Circuit Breaker, which protect both the users and the circuit to which they are connected, save space in the panel as they can fulfil the function of two separate devices. General installation time is also reduced by using Residual Current Protected Automatic Fuses. Thus, Residual Current Operated Circuit Breaker are now the preferred device used by electricians instead of installing both Residual Current Protection Relays and Automatic Fuses separately.

- Versatile protection
- Space saving in fuse boxes
- Advantage of installation time

Residual Current Operated Circuit Breaker

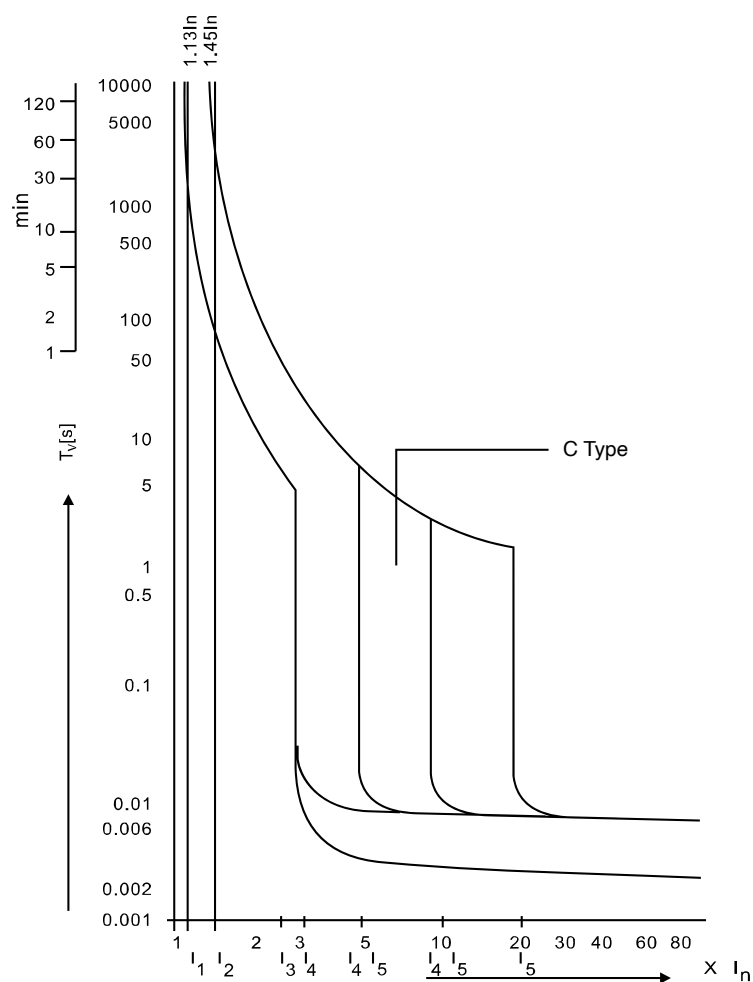
Technical Information

Electrical Properties	
Mod	Electronic
Type	AC
Nominal Current Rating I_n	6,10,16,20,25,32,40,50,63A
Number of Poles	2P(1P+N), 4P(3P+N)
Operating Voltage U_e	2P 240V~ 4P 415V~
Isolation Voltage U_i	500V
Operating Frequency	50/60Hz
Leakage Current Nominal Value ($I_{\Delta n}$)	30, 300mA
Opening Time $I_{\Delta n}$	$\leq 0.1S$
Short Circuit Breaking Capacity	6,000A
Energy Class	3
Impulse Withstand Voltage (1.5/50) U_{imp}	4,000V
Dielectric Test Voltage	2kV
Pollution Degree	2
Trip Characteristic	C
Mechanical Properties	
Electrical Life	4,000 Opening and Closing
Mechanical Life	10,000 Opening and Closing
Contact Position Indicator	Yes
Protection Class	IP20
Operating Temperature	-5°C ~ +40°C
Storage Temperature	-25°C ~ +70°C
Assembly	
Terminal Connection Type	Cable/Pin-type Busbar / U-type Busbar
Terminal Size for Cable Connection (Upper/Lower)	25mm ² 18-3AWG
Terminal Size for Busbar Connection (Upper/Lower)	25mm ² 18-3AWG
Tightening Torque	2.5Nm 22In-lbs
Mounting	35mm DIN Rail
Connection	From the top

Characteristics

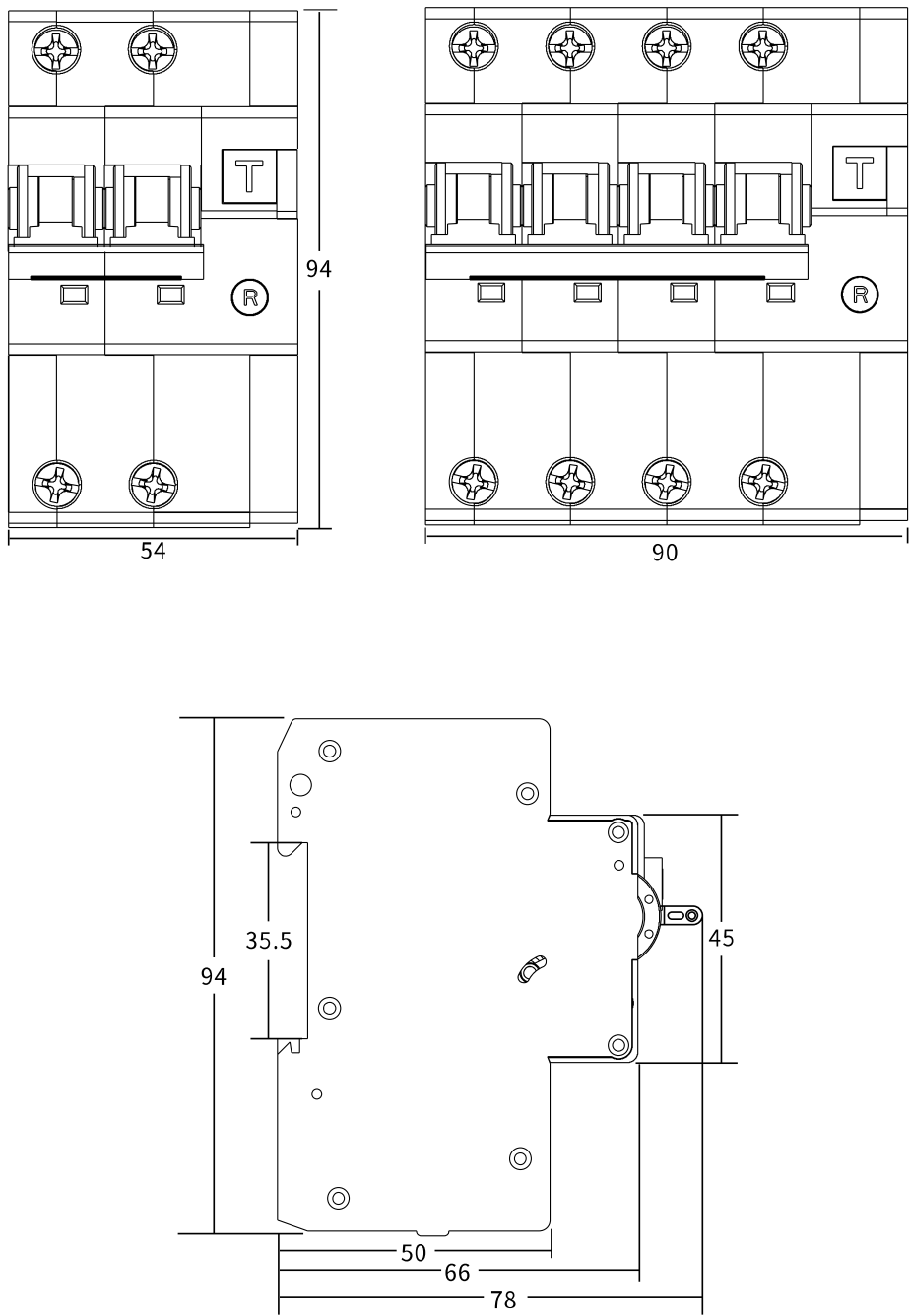
Type	Switch-On Current I_{Δ}/A
AC	$0.5I_{\Delta n} < I_{\Delta} < I_{\Delta n}$

IEC 60898	Thermal Switch-On			Magnetic Switch-On		
	No Switch-on	Switch-on Current I_2	Switch-on Time t	No Switch-on	Switch-on Current I_5	Switch-on Time t
C Type	$1.13I_N$		$\geq 1h$	$5I_N$		$\geq 0.1s$
		$1.45I_N$	$< 1h$		$10I_N$	$< 0.1s$

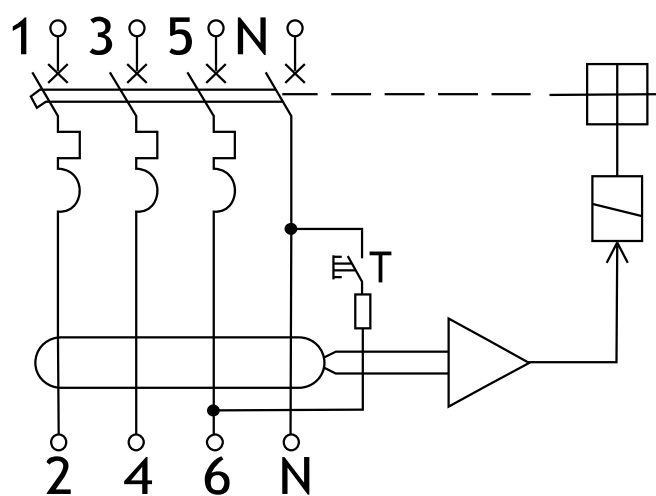
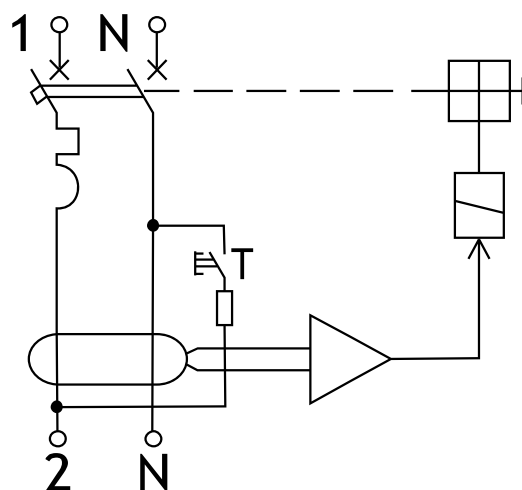


Residual Current Operated Circuit Breaker

Dimensions (mm)



Connection Diagram



Residual Current Operated Circuit Breaker

Product List

Number of Poles (P)	Leakage Current Threshold Value (I Δ n)	Nominal Current “I n ”(A)	Product Description	C Type Curve Product Code
 2P	30mA	6	Electronic RCBO 6kA 1P+N AC Type 6A	6VRBE-2C0630-AC
		10	Electronic RCBO 6kA 1P+N AC Type 10A	6VRBE-2C1030-AC
		16	Electronic RCBO 6kA 1P+N AC Type 16A	6VRBE-2C1630-AC
		20	Electronic RCBO 6kA 1P+N AC Type 20A	6VRBE-2C2030-AC
		25	Electronic RCBO 6kA 1P+N AC Type 25A	6VRBE-2C2530-AC
		32	Electronic RCBO 6kA 1P+N AC Type 32A	6VRBE-2C3230-AC
		40	Electronic RCBO 6kA 1P+N AC Type 40A	6VRBE-2C4030-AC
		50	Electronic RCBO 6kA 1P+N AC Type 50A	6VRBE-2C5030-AC
		63	Electronic RCBO 6kA 1P+N AC Type 63A	6VRBE-2C6330-AC
	300mA	6	Electronic RCBO 6kA 1P+N AC Type 6A	6VRBE-2C06300-AC
		10	Electronic RCBO 6kA 1P+N AC Type 10A	6VRBE-2C10300-AC
		16	Electronic RCBO 6kA 1P+N AC Type 16A	6VRBE-2C16300-AC
		20	Electronic RCBO 6kA 1P+N AC Type 20A	6VRBE-2C20300-AC
		25	Electronic RCBO 6kA 1P+N AC Type 25A	6VRBE-2C25300-AC
		32	Electronic RCBO 6kA 1P+N AC Type 32A	6VRBE-2C32300-AC
		40	Electronic RCBO 6kA 1P+N AC Type 40A	6VRBE-2C40300-AC
		50	Electronic RCBO 6kA 1P+N AC Type 50A	6VRBE-2C50300-AC
		63	Electronic RCBO 6kA 1P+N AC Type 63A	6VRBE-2C63300-AC

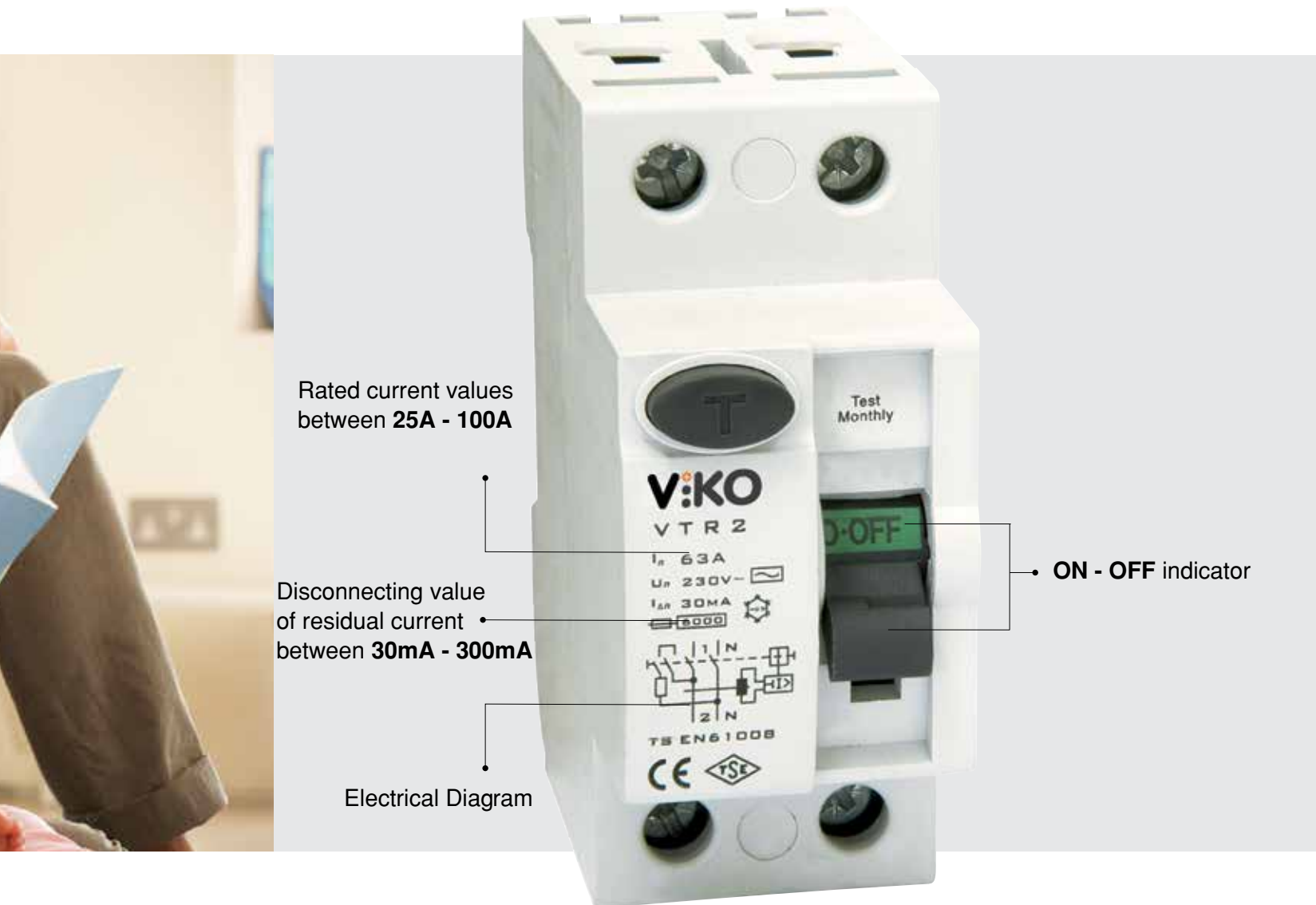
Product List

Number of Poles (P)	Leakage Current Threshold Value (I Δ n)	Nominal Current "In"(A)	Product Description	C Type Curve Product Code
 4P	30mA	6	Elektronik RCBO 6kA 3P+N AC Type 6A	6VRBE-4C0630-AC
		10	Elektronik RCBO 6kA 3P+N AC Type 10A	6VRBE-4C1030-AC
		16	Elektronik RCBO 6kA 3P+N AC Type 16A	6VRBE-4C1630-AC
		20	Elektronik RCBO 6kA 3P+N AC Type 20A	6VRBE-4C2030-AC
		25	Elektronik RCBO 6kA 3P+N AC Type 25A	6VRBE-4C2530-AC
		32	Elektronik RCBO 6kA 3P+N AC Type 32A	6VRBE-4C3230-AC
		40	Elektronik RCBO 6kA 3P+N AC Type 40A	6VRBE-4C4030-AC
		50	Elektronik RCBO 6kA 3P+N AC Type 50A	6VRBE-4C5030-AC
		63	Elektronik RCBO 6kA 3P+N AC Type 63A	6VRBE-4C6330-AC
	300mA	6	Elektronik RCBO 6kA 3P+N AC Type 6A	6VRBE-4C06300-AC
		10	Elektronik RCBO 6kA 3P+N AC Type 10A	6VRBE-4C10300-AC
		16	Elektronik RCBO 6kA 3P+N AC Type 16A	6VRBE-4C16300-AC
		20	Elektronik RCBO 6kA 3P+N AC Type 20A	6VRBE-4C20300-AC
		25	Elektronik RCBO 6kA 3P+N AC Type 25A	6VRBE-4C25300-AC
		32	Elektronik RCBO 6kA 3P+N AC Type 32A	6VRBE-4C32300-AC
		40	Elektronik RCBO 6kA 3P+N AC Type 40A	6VRBE-4C40300-AC
		50	Elektronik RCBO 6kA 3P+N AC Type 50A	6VRBE-4C50300-AC
		63	Elektronik RCBO 6kA 3P+N AC Type 63A	6VRBE-4C63300-AC

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 VIKO 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.

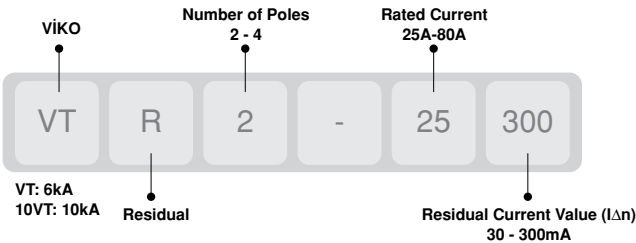


300mA is for fire protection, 300mA residual current circuit breakers should be used in main distribution boxes.

Residual Current Circuit Breaker

Technical Information

6kA						10kA			
Model	VTR2			VTR4		10VTR2		10VTR4	
Protection		Residual Current							
Standards		IEC/EN 61008-1 TS EN 61008-1				IEC/EN 61008-1 TS EN 610098-1			
Quality Certificates				CE					
Type		AC				A-SI			
Rated Voltage		230V AC		230V/400V AC		240V		410V AC	
Rated Frequency		50/60Hz							
Number of Poles		1P + N		3P + N		1P + N		3P + N	
Residual Current		30mA	300mA	30mA	300mA	30mA	300mA	30mA	300mA
Disconnecting Capacity		6kA				10kA			
Rated Current Values									
	25A	✓	✓	✓	✓	✓	✓	✓	✓
	40A	✓	✓	✓	✓	✓	✓	✓	✓
	63A	✓	✓	✓	✓	✓	✓	✓	✓
	80A	✓	✓	✓	✓	✓	✓	✓	✓
	100A			✓	✓			✓	✓
Protection Class		IP20							
Connection Section		25A-80A 25 mm ² , 100A 35 mm ²				35 mm ²			
Mounting Type		DIN EN 50 022 - 35 mm				DIN EN 60 715 - 35 mm			

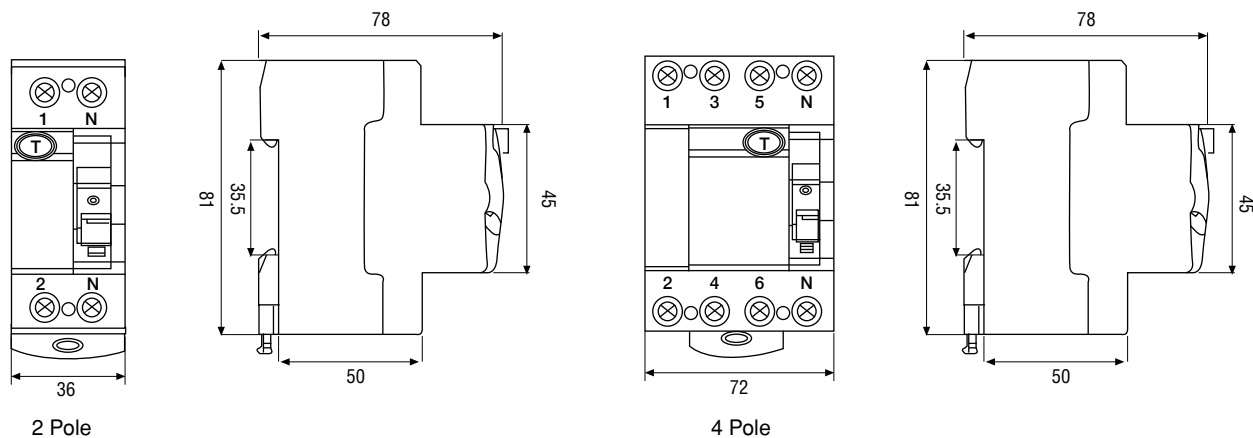


WARNING!

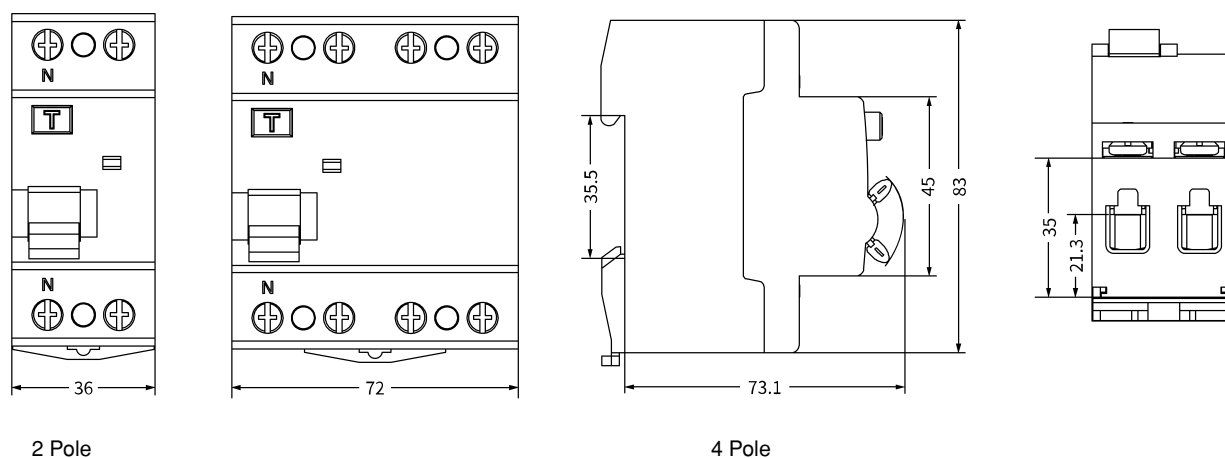
Residual Current Circuit Breaker are products used compulsorily in order to protect people against direct or indirect contact, and devices against insulation faults and fire hazard. Delivers the function of protecting life at 30mA (Human Protection) and Installation at 300mA (Fire Protection). Residual 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)

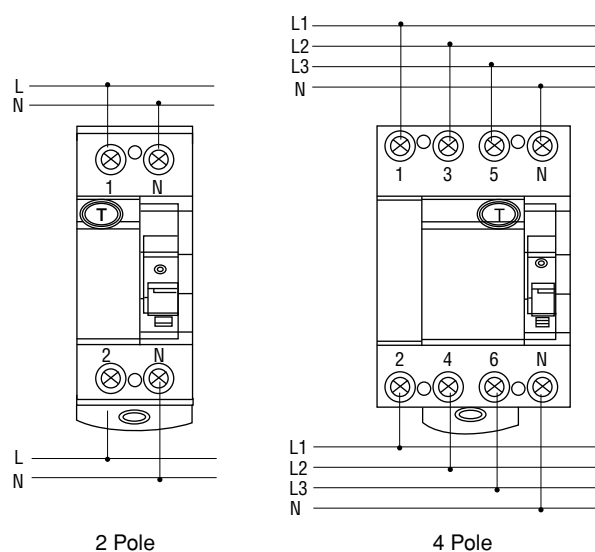
VTR



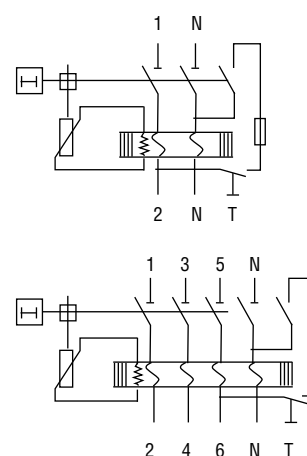
10VTR



Connection Diagram

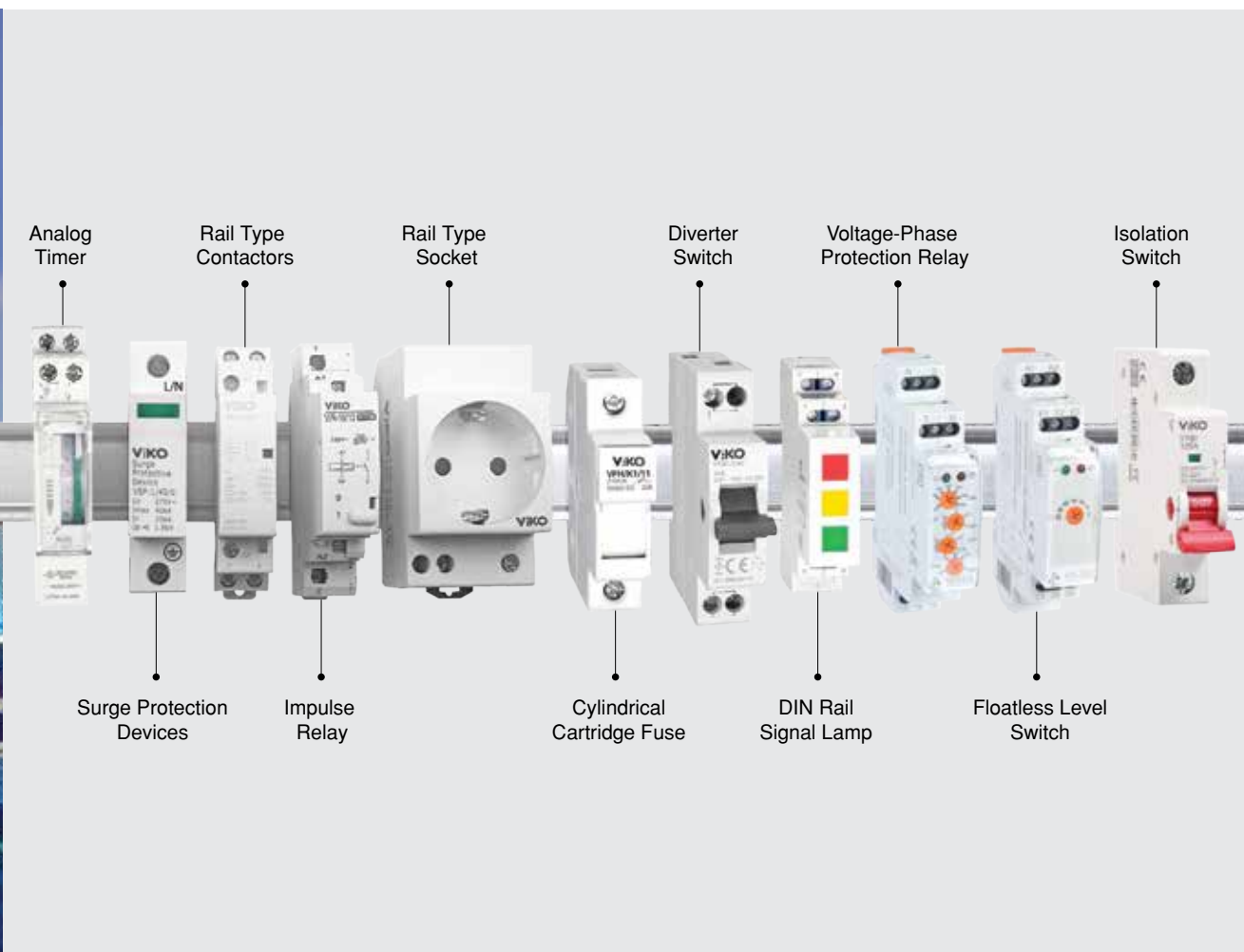


Electrical Diagram



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





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

Modular Products

Low Voltage Surge Protectors



VIKO Low Voltage Surge Protection Devices 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

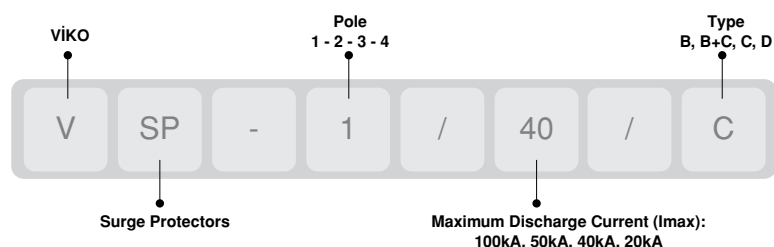
Model	VSP-1/100/B	VSP-2/100/B	VSP-3/100/B	VSP-4/100/B
Number of Pole	1P	2P	3P	4P
Rated Voltage (Un)	230V, 50/60 Hz		230/400V, 50/60 Hz	
Continuous voltage (Uc)	300V AC			
Earthing system	TN, TT	TN, TT	TN, TT	TN, TT
Maximum discharge current (Imax)	100kA			
Nominal discharge current (In 8/20µs) (L-N)	50kA	50kA	50kA	50kA
Nominal discharge current (In 8/20µs) (N-PE)	50kA			
Maximum discharge current (Iimp)	25kA			
Voltage Protection level (Up)	0,9 /1,5kV			
Response time	<=25ns			
Operation temperature range	-40°C...+55°C			
Working status indication	Red indication means fault status			
Installation method	35 mm DIN Rayı			
Wire connection method	Minimum: 2,5 mm² Maximum: 35 mm²			
Auxiliary Contact Status	Internal(1 Normally Open)			
Protection level	IP20			
Flammability Classification	UL94-V0			

Model	VSP-1/50/B+C	VSP-2/50/B+C	VSP-3/50/B+C	VSP-4/50/B+C
Number of Pole	1P	2P	3P	4P
Rated Voltage (Un)	220/230V AC			
Continuous voltage (Uc)	275V AC	320V AC	385V AC	420V AC
Earthing system	TN, TT, IT			
Maximum discharge current (Imax)	50kA			
Nominal discharge current (In 8/20µs)	25kA	25kA	25kA	25kA
Maximum discharge current (Iimp)	8kA			
Voltage Protection level (Up)	1,5kV	1,6kV	1,7kV	1,8kV
Response time	<=25ns			
Operation temperature range	-40°C...+75°C			
Working status indication	Red indication means fault status			
Installation method	35 mm DIN Rail			
Wire connection method	Minimum: 6 mm ² Maximum: 35 mm ²			
Protection level	IP20			
Flammability Classification	UL94-V0			

Technical Informations

Model	VSP-1/40/C	VSP-2/40/C	VSP-3/40/C	VSP-4/40/C
Number of Pole	1P	2P	3P	4P
Rated Voltage (Un)	230V, 3x230/400V			
Continuous voltage (Uc)	385/440V			
Earthing system	TN, TT, IT			
Maximum discharge current (Imax)	40kA			
Nominal discharge current (In 8/20µs)	20kA	20kA	20kA	20kA
Maximum discharge current (Iimp)	10kA			
Voltage Protection level (Up)	1,8kV			
Response time	<=25ns			
Operation temperature range	-40°C...+55°C			
Operation temperature range	Red indication means fault status			
Working status indication	35 mm DIN Rail			
Installation method	Minimum: 6 mm ² Maximum: 35 mm ²			
Protection level	IP20			
Flammability Classification	UL94-V0			

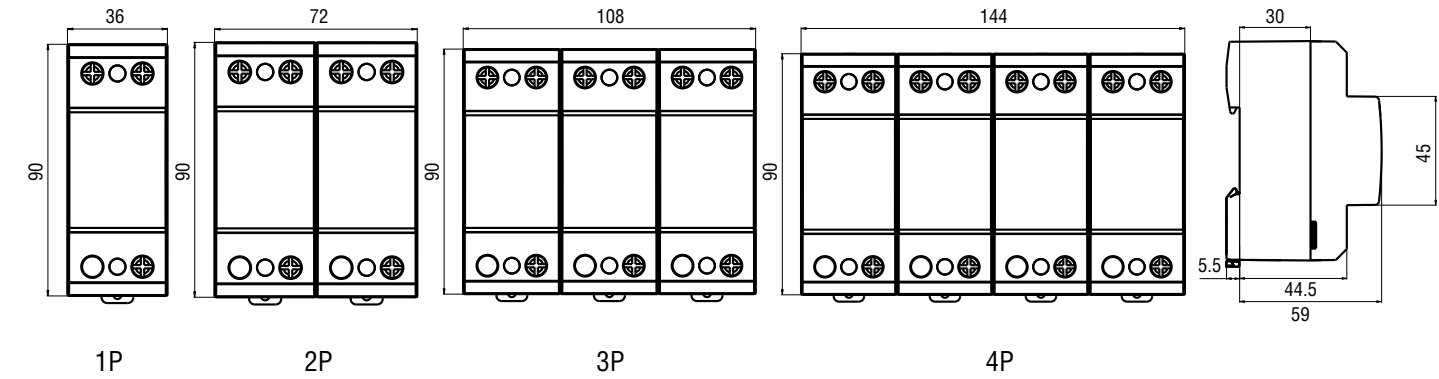
Model	VSP-1/20/D	VSP-2/20/D	VSP-3/20/D	VSP-4/20/D
Number of Pole	1P	2P	3P	4P
Rated Voltage (Un)	230V, 3x230/400V			
Continuous voltage (Uc)	385/440V			
Earthing system	TN, TT, IT			
Maximum discharge current (Imax)	20kA			
Nominal discharge current (In 8/20µs)	10kA	10kA	10kA	10kA
Maximum discharge current (Iimp)	10kA			
Voltage Protection level (Up)	1,5kV			
Response time	<=25ns			
Operation temperature range	-40°C...+55°C			
Operation temperature range	Red indication means fault status			
Working status indication	35 mm DIN Rail			
Installation method	Minimum: 6 mm ² Maximum: 35 mm ²			
Protection level	IP20			
Flammability Classification	UL94-V0			



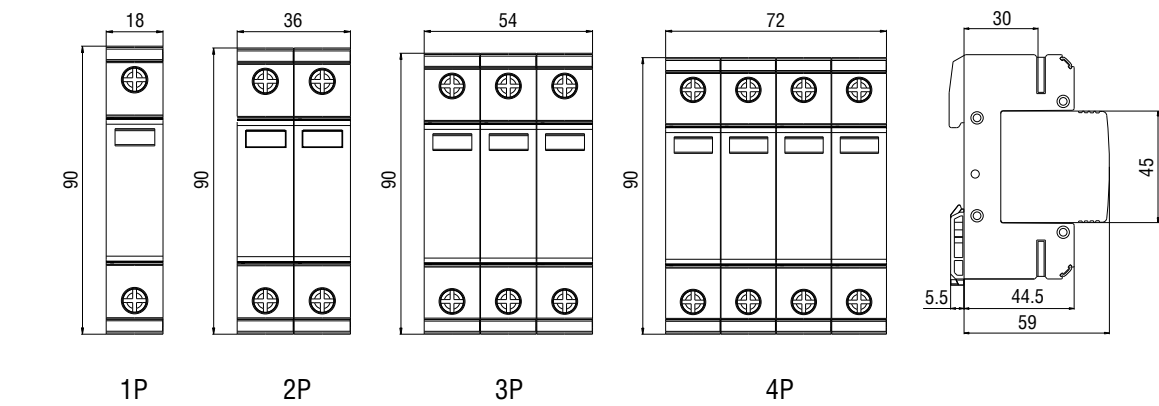
Modular Products

Dimensions (mm)

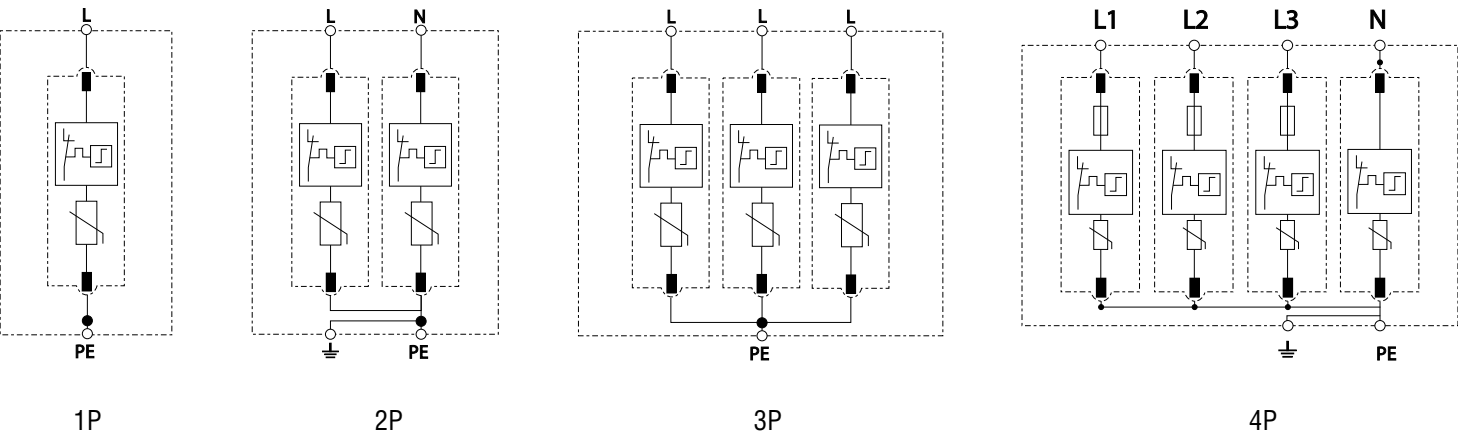
B TYPES



B+C, C, D TYPES



Connection Diagram



Impulse Relays



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

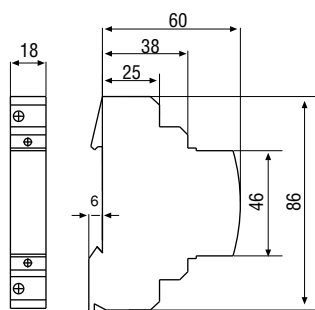
Rated Current (In): 16A (cos : 0.6)

Rated Voltage (Un): 250V AC

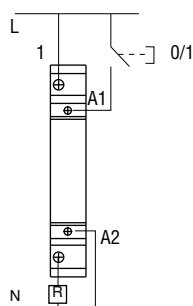
Auxiliary Contact Block: 1NO

Product Code: VIR-16/10

Dimensions (mm)



Connection Diagram



Modular Products

Analog Time Switches



VIKO timers are time relays which control lighting systems at intervals 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 $\pm$ %10 50Hz
- **Load capacity:** 16(4)A/250V
- **Power consumption:** 0.5W
- **Timer accuracy:** $\pm$ 1 sec/day 22°C
- **Battery life:** Daily model: 100 hours
- **Dial type:** Daily: 96 pins
- **Minimum switching time:** Daily: 15 minutes
- **Operating temperature:** -10°C - +50°C
- **Protection against electric shocks:** "Class II"
- **Protection class:** IP20
- Manually controllable, 2-position selector

⌚ = Automatic

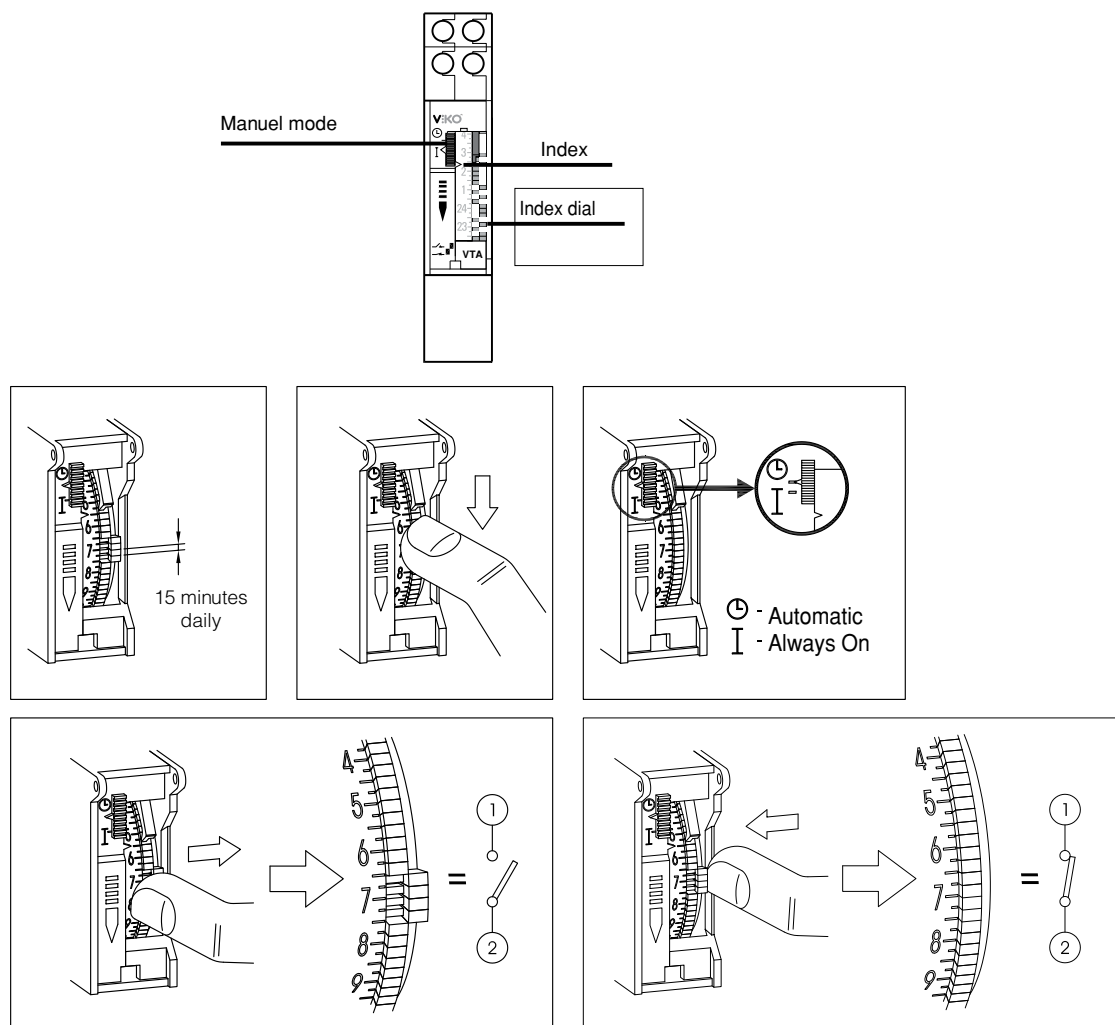
I = On (Contact no. 1 & 2 are always off)

- Mounting to 1 DIN rail

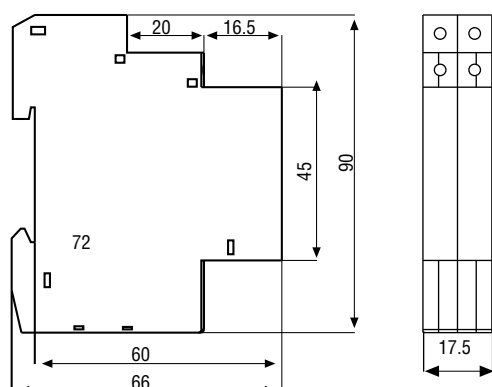


Model	Description
VTA-24H/R100	Daily analog time switch

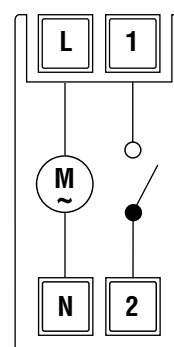
Programming



Dimensions (mm)



Connection Diagram



Modular Products

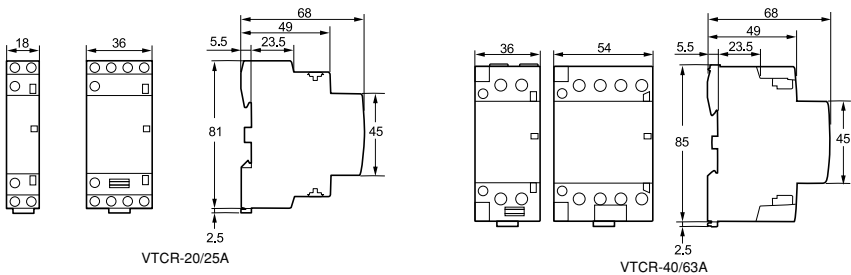
Modular Contactors



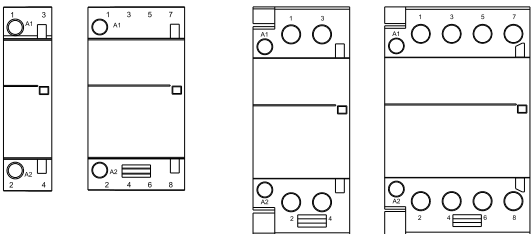
VIKO Modular Contactors rail contactors are used in order to check electric circuit, trip and close the circuit or enable flow through automation circuit, in places such as hotel rooms, residences, hospitals. Modular Contactors are also known as silent contactors.

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 Frequency / 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)



Connection Diagram



Cylindrical (Cartridge) Fuses



How Do Cylindrical Cartridge Fuses Work?

Due to short circuit or overload current occurring at any point of the circuit, the wire in the cartridge fuse melts and breaks due to the heat effect of the electric current. The sand in the cartridge fuse body fills the gaps in the melting points and breaks the contact of the broken wires with each other, as a result, the current transmission of the circuit is interrupted.

Cylindrical (Cartridge) Fuses - GPV Type (DC Type)

Rated Current In (A)	Number of Poles	Cartridge Size mm x mm	Ref. No
16	1	10x38	VFH/S1/GP/01/16
20	1	10x38	VFH/S1/GP/01/20
25	1	10x38	VFH/S1/GP/01/25

Cylindrical (Cartridge) Fuse Holder

Rated Current In (A)	Number of Poles	Cartridge Size mm x mm	Ref. No
32	1	10x38	VFH/K1/11/32

Rail Type Socket



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

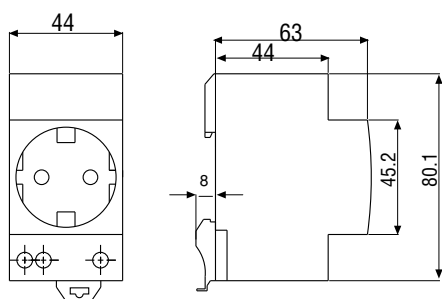
German Type

Rated Voltage (Un): 250V AC

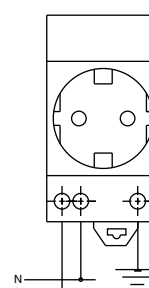
Rated Current (In): 16A

Rated Current (In): VSR-G16

Dimensions (mm)



Connection Diagram



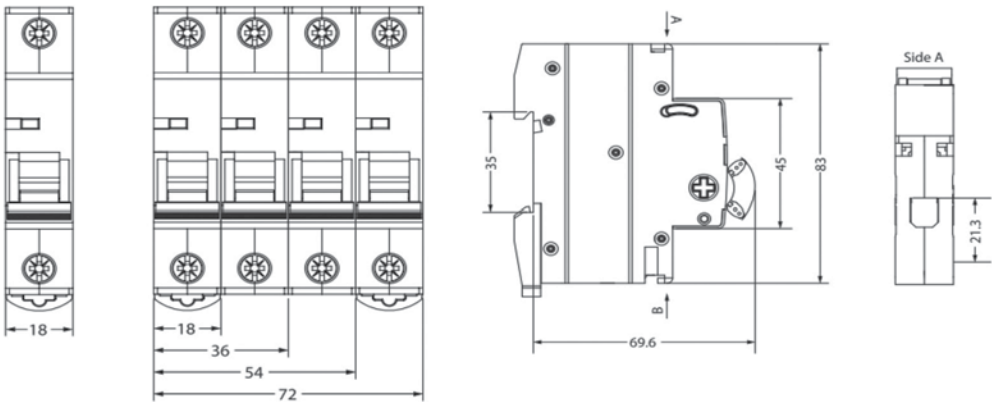
Isolation Switch



Modular isolation switches provide on-off switching in electrical installations. VIKO modular isolation switches are manufactured as 32, 40, 63, 80, 100 and 125 A in accordance with 1, 2, 3 and 4 pole EN IEC 60947-3 standards.

Electrical Properties	
Nominal	32, 40, 50, 63, 80, 100, 125 A
Poles	1P, 2P, 3P, 4P
Nominal Voltage Ue	240 / 415 ~
Isolation Voltage Ui	500V
Nominal Frequency	50 / 60 Hz
Nominal Short-Term Standby Current Low	12Ie, 1s
Nominal Closing and Breaking Capacity	3Ie, 1.05Ue, cos= 0.65
Nominal Short Circuit Closing Capacity	20Ie, t= 0.1s
Nominal Impulse Withstand Voltage (1.5/50) Uimp	4000V
Dielectric Test Voltage at Ind. Frequency, 1 min	2.5 kV
Mechanical Properties	
Electrical Life	4.000 Cycles
Mechanical Life	10.000 Cycles
Ignition Position Indicator	Yes
Degree of Protection	IP20
Quality Certificates	EN IEC 60947-3

Dimensions (mm)



Diverter Switch

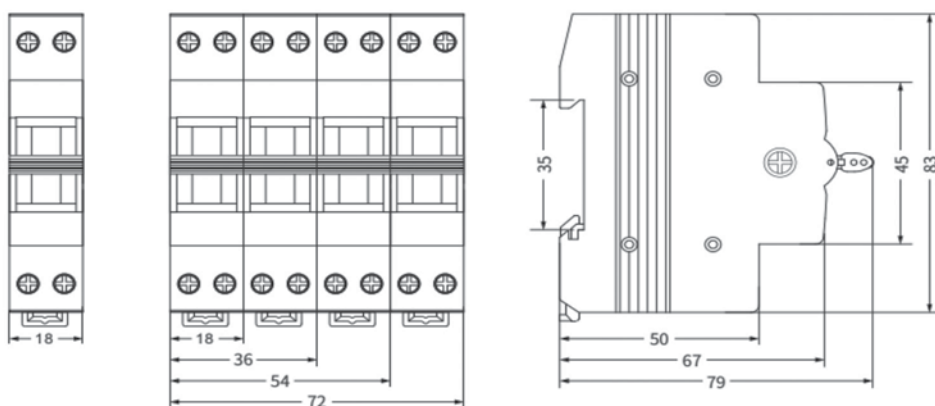


Diverter switches are used to provide control between two power supplies, rail type I - 0 - II provides positioning.

- Rated Current: 16A, 20A, 32A, 40A

Technical Data	
Rated Voltage	240 / 415 ~
Rated Current	16, 25, 32, 40 A
Rated Frequency	50 / 60 Hz
Number of Poles	1, 2, 3, 4P
Contact Form	1-0-2
Electrical Properties	
Electrical Life	1.500 Cycles
Mechanical Life	8.500 Cycles
Protection degree	IP20
Ambient Temperature	-5°C +40°C
Terminal/Cord Size	16 mm ²
Type of Assembly	On DIN EN60715 (35 mm) by means of fast clip device.
Quality Certificates	IEC 60947-1

Dimensions (mm)



Relays

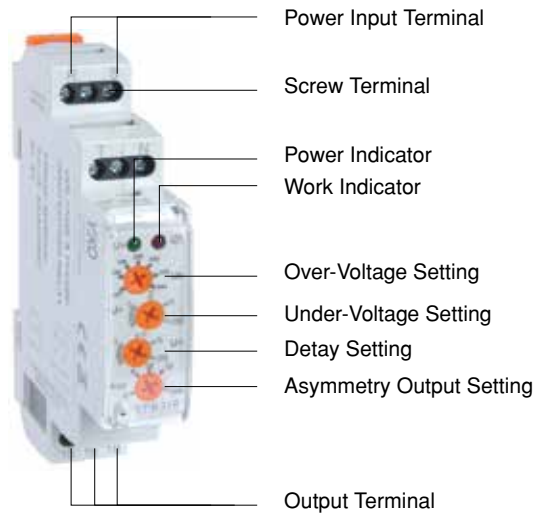


Phase Voltage Relay

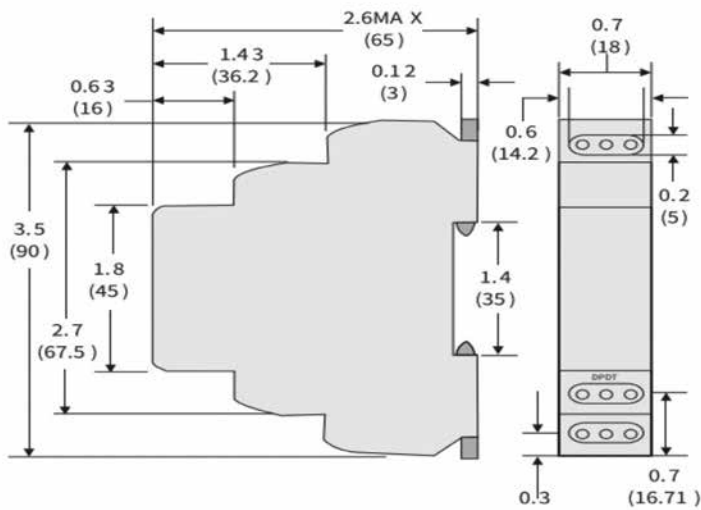
The voltage protection relay uses a high-speed and low-power processor as the core. When there is over-voltage, under-voltage, phase error or reverse phase on the power supply line, the relay quickly and safely breaks the circuit to prevent accidents caused by abnormal voltage sent to the terminal device. When the voltage returns to normal value, the relay automatically switches the circuit to the terminal to ensure the normal operation of electrical appliances.

Monitoring Type	Single Phase (VPR1/S)	Three Phase (VPR3/F)
Output Characteristics	SPDT	SPDT
Over Voltage	0 ~ %20	%15
Under Voltage	0 ~ %20	%15
Time Delay	0.1 ~ 10S	3S
Phase Sequence	-	√
Phase Failure	-	√
Working Voltage	AC110V veya 220V	AC220V, 380V, 400V, 415V, 440V
Frequency	50/60 Hz	50/60 Hz
Response Time of Relay	0.5s	0.5s
Contact Rating	AC-15:3A / 250VAC	AC-15:3A / 250VAC
Ambient Temperature	-10°C ~ +55°C	-10°C ~ +55°C
Voltage Error	± %2 Maks.	± %2 Maks.
Temperature Error	± %2 Maks.	± %2 Maks.
Quality Certificate	IEC/EN 60947-5-1	IEC/EN 60947-5-1

Product Functions



Dimensions (mm)



Relays



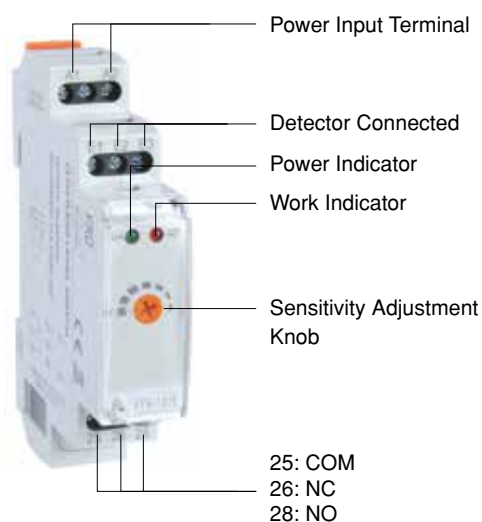
CE

Floatless Level Relays

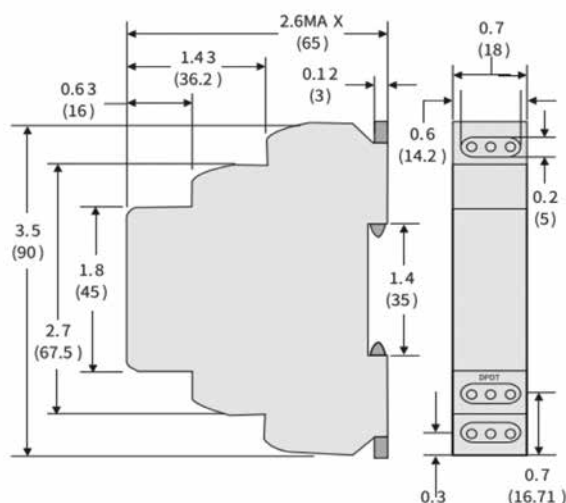
The Floatless Level Relay is a kind of circuit element that controls the height of the liquid level in the container. When the liquid level reaches a certain height, it uses the conductivity of the liquid to open or close the contact output, and automatically controls the start or stop of the water pump to control the amount of liquid in the container.

Output Characteristics	SPDT
Rated Current	5A
Working Voltage	AC110V, AC220V
Output Voltage	12V
Applicable Environment	Used for normal purified water and sewage
Quality Certificate	IEC/EN 60947-5-1

Product Functions



Dimensions (mm)

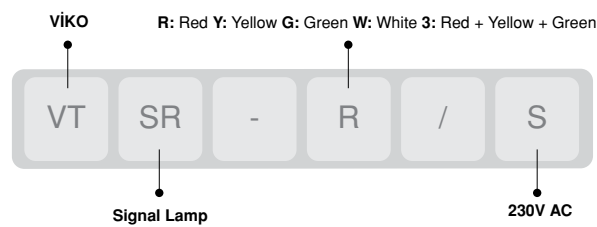


Modular Products

DIN Rail Signal Lamps

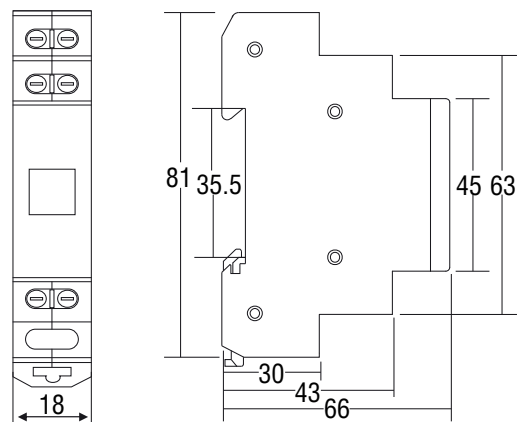


VIKO DIN Rail Type Signal Lamps, with their DIN Rail mountable structure, are used to indicate the presence of voltage in the electrical circuit with LEDs.



DIN Rail Signal Lamps		
Colour	Supply Voltage (V)	Ref. No
Blue	230V AC	VTSR-B/S
Green	230V AC	VTSR-G/S
Red	230V AC	VTSR-R/S
Yellow	230V AC	VTSR-Y/S
White	230V AC	VTSR-W/S
Red + Yellow + Green	230V AC	VTSR-3/S

Dimensions (mm)



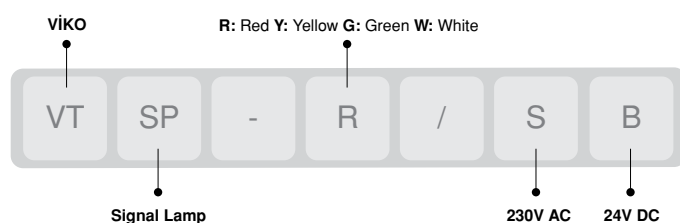
Panel Type Signal Lamps



Panel type signal lamps, produced suitable for mounting on the electrical panel cover, show the status of the electrical circuit.

Colours: Red, Yellow, Green, Blue, White

Rated Voltage Options: 230V AC & 24V DC



Panel Type Signal Lamps		
Colour	Supply Voltage (V)	Ref. No
Blue	24V DC	VTSP-B/B
Green	24V DC	VTSP-G/B
Red	24V DC	VTSP-R/B
Yellow	24V DC	VTSP-Y/B
White	24V DC	VTSP-W/B
Blue	230V AC	VTSP-B/S
Green	230V AC	VTSP-G/S
Red	230V AC	VTSP-R/S
Yellow	230V AC	VTSP-Y/S
White	230V AC	VTSP-W/S

High efficiency, maximum flexibility and performance...

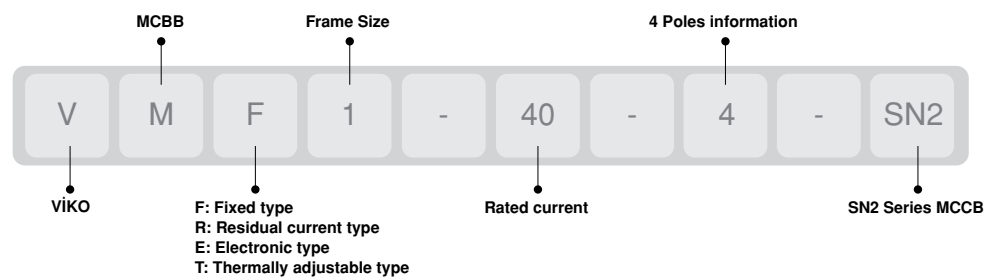


- Compact dimensions
- Simple and strong operating mechanism
- Rapidly, easily and safely mountable accessories
- Easy installation
- Short circuit breaking capacity suitable for all options



SN2 Series
Moulded case circuit
breaker

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



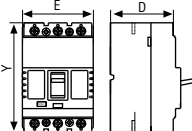
Moulded Case Circuit Breaker

Fixed Type SN2 Series

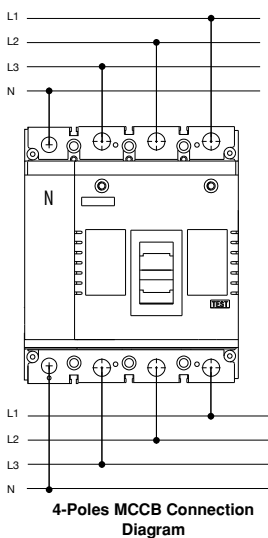
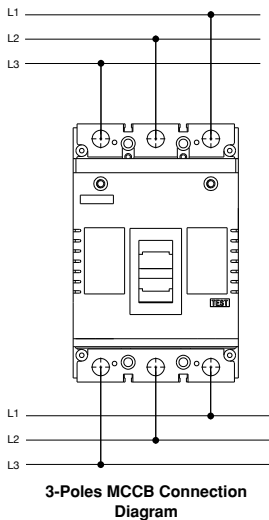


VMF-SN2 series MCCBs provide thermal-magnetic protection at high current breaking capacities, within the range of 40A to 800A rated current values. Thermal and magnetic adjustment fields are fixed.

Technical Information

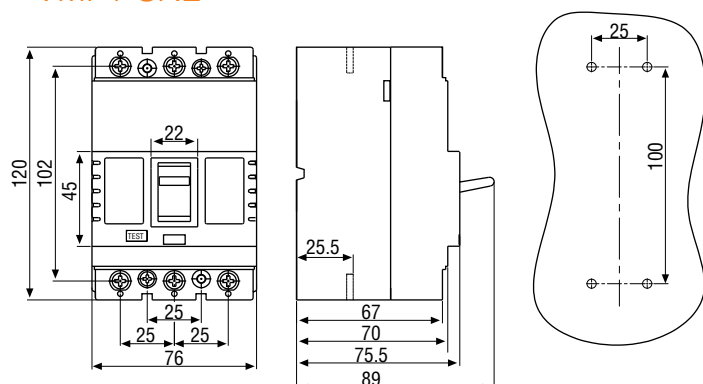
VMF Series												
Model		VMF1-SN2		VMF2-SN2		VMF3-SN2		VMF4-SN2		VMF5-SN2		
Rated Current In (A)		40 - 50 - 63 - 80 - 100 - 125A		40 - 50 - 63 - 80 - 100 - 125 - 160A		200 - 250A		315 - 400A		500 - 630 - 800A		
Rated Insulation Voltage Ui		750V		750V		750V		750V		750V		
Rated Service Voltage Ue		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 Contact	✓		✓		✓		✓		✓		
	Extended Rotary Setup Handle	✓		✓		✓		✓		✓		
Quality Certificates	Motor Mechanism									✓		
	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

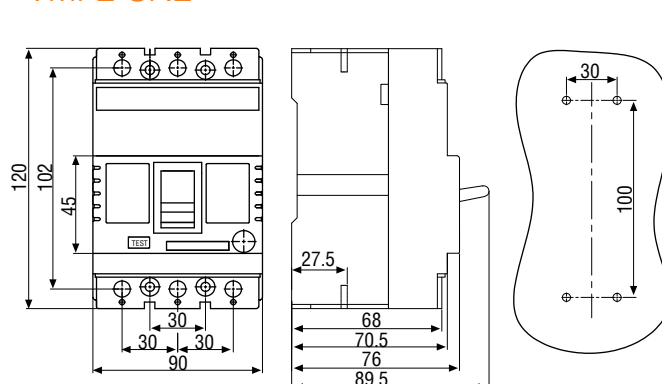


Dimensions (mm)

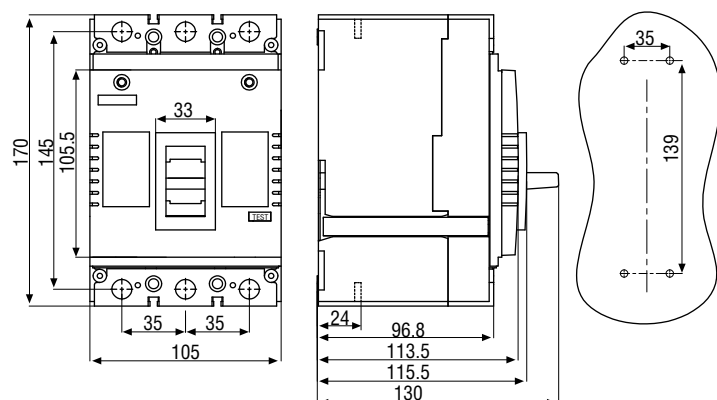
VMF1-SN2



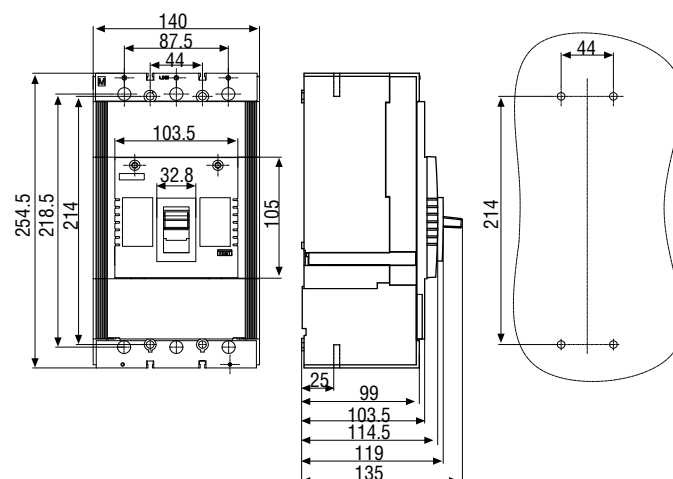
VMF2-SN2



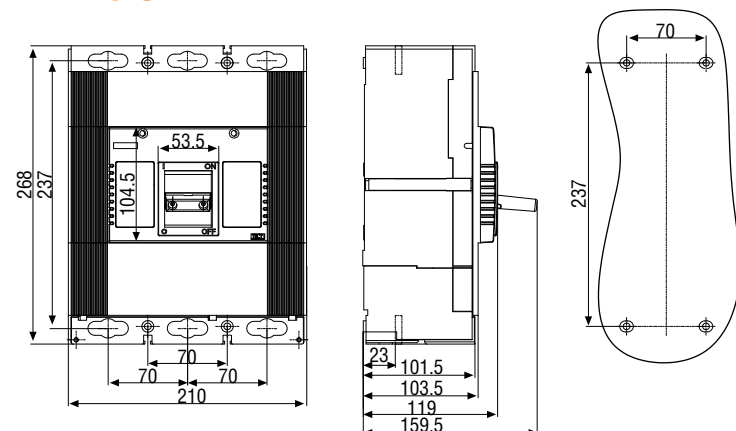
VMF3-SN2



VMF4-SN2



VMF5-SN2



Moulded Case Circuit Breaker

Thermal Adjustable Type SN2 Series

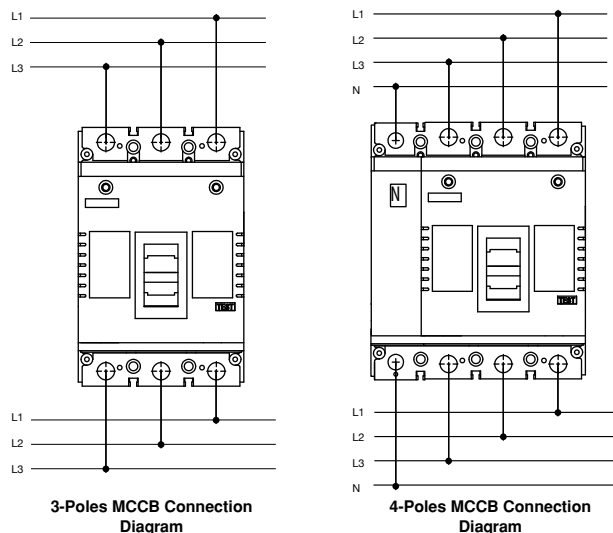


VMT-SN2 series MCCBs provide thermal-magnetic protection at high current breaking capacities in the range of 40A to 800A rated current values. With its thermal adjustment field feature, the thermal adjustment part can make adjustments at rated current values multiplied by 0,7 to 1 times.

Technical Information

VMT Series					
Model		VMT2-SN2	VMT3-SN2	VMT4-SN2	VMT5-SN2
Rated Current In (A)		40 - 50 - 63 - 80 - 100 - 125 - 160A	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
Service Short-circuit Disconnecting Capacity Ics (kA)		26,25	26,25	37,5	35
Nominal Impact Resistance Voltage (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



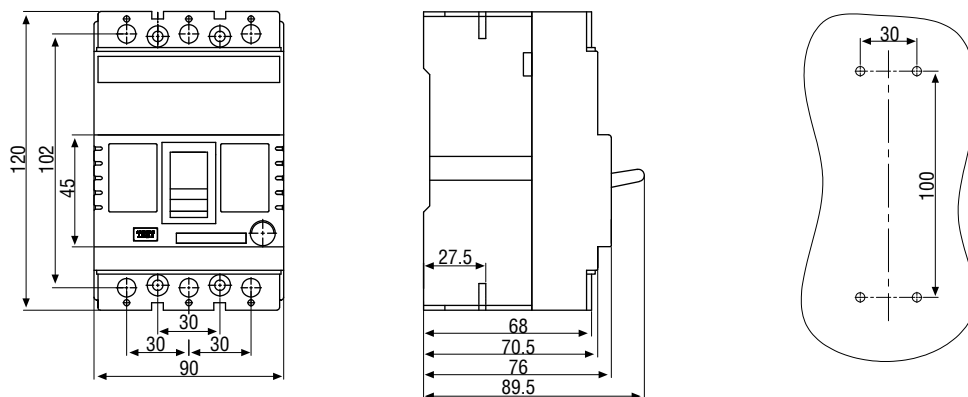
Adjustment Panel

0,7 In – 1 In aralığında termik ayar sahası

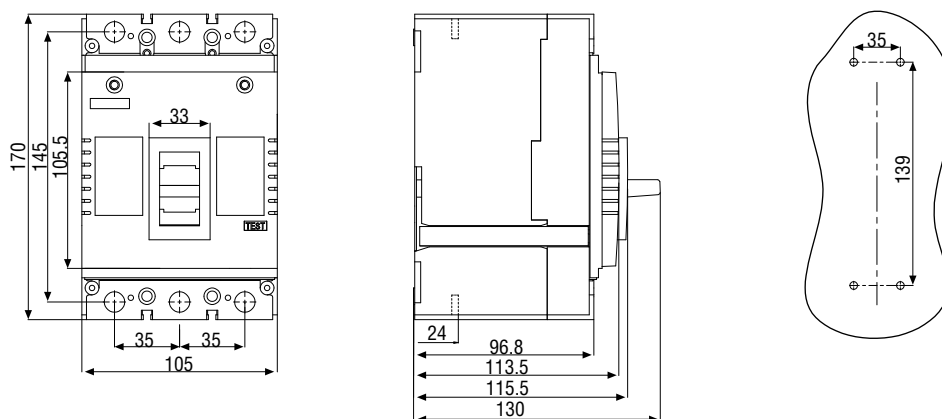


Dimensions (mm)

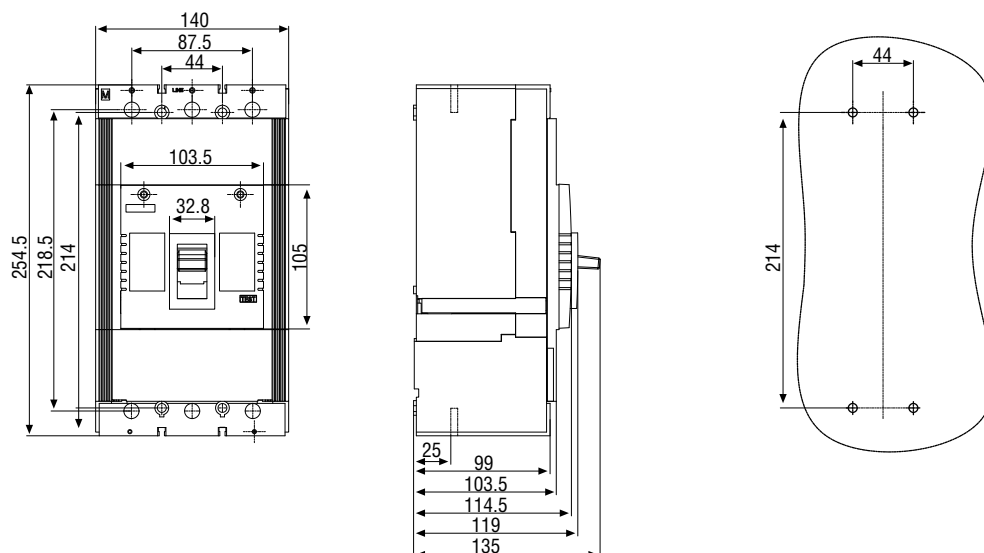
VMT2-SN2



VMT3-SN2



VMT4-SN2



Moulded Case Circuit Breaker

Residual Current Type SN2 Series

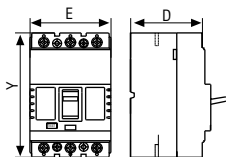


VMR series MCCBs provide thermal-magnetic as well as residual current protection at high current breaking capacities in the range of 50A to 500A rated current values. With its residual current adjustment feature offered in addition to fixed type switch, offers accuracy adjustment for residual currents 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

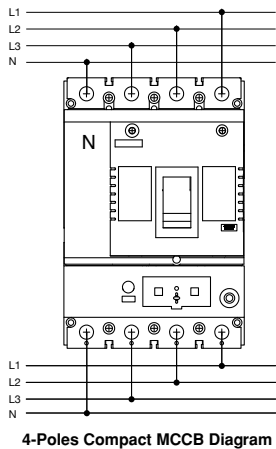
VMR Series			
Model	VMR2-SN2	VMR3-SN2	VMR4-SN2
Rated Current In (A)	50 - 63 - 80 - 100 - 125 - 160A	200 - 250A	315 - 400 - 500A
Rated Insulation Voltage Ui	690V	690V	690V
Rated Service Voltage Ue	400/415V	400/415V	400/415V
Pole Option	4P	4P	4P
Short-circuit Disconnecting Capacity Icu (kA)	25	35	50
Service 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
	Electrical Endurance	1000	1000
	Mechanical Endurance	7000	7000
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

TSE 60947-2

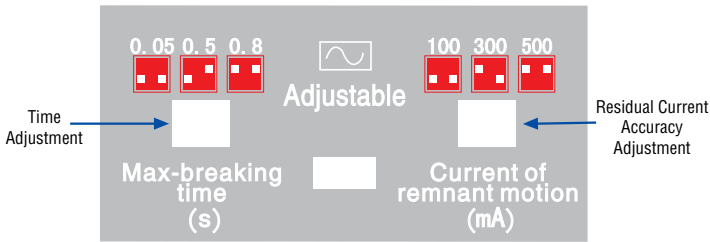


E (mm)	3P		
	4P	120	140
Y (mm)	3P		
	4P	120	210
D (mm)	3P		
	4P	70	103,5

Connection Diagram

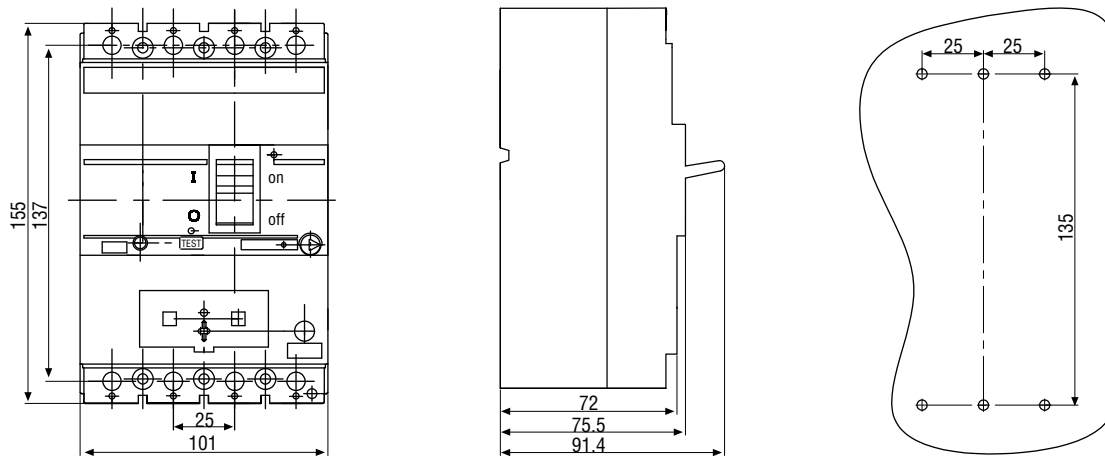


Adjustment Panel

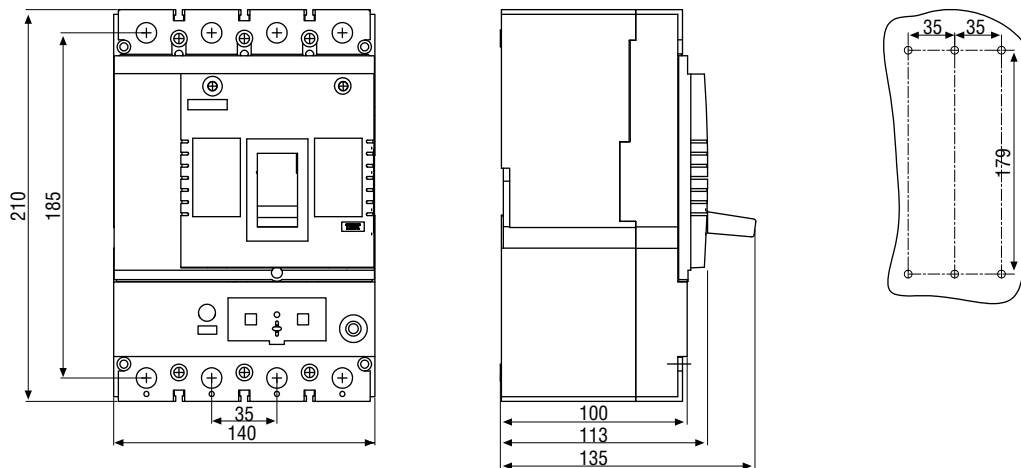


Dimensions (mm)

VMR2-SN2



VMR3-SN2



Moulded Case Circuit Breaker

Electronic Type SN2 Series

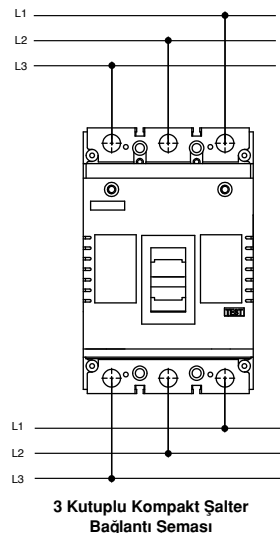


With VME-SN2 series MCCBs, superior protection is offered at high current breaking capacity values in the range of 800A to 1600A. Adjustments on your device are carried out via switches located under your device.

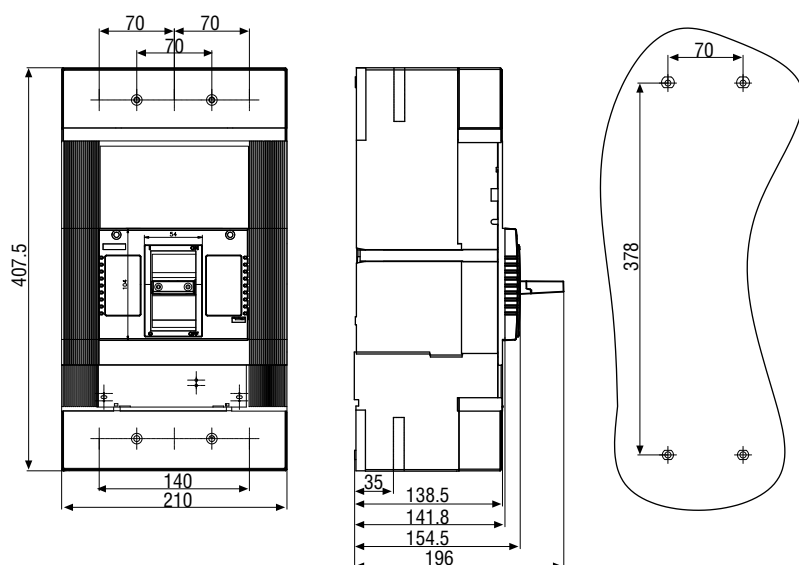
Technical Information

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

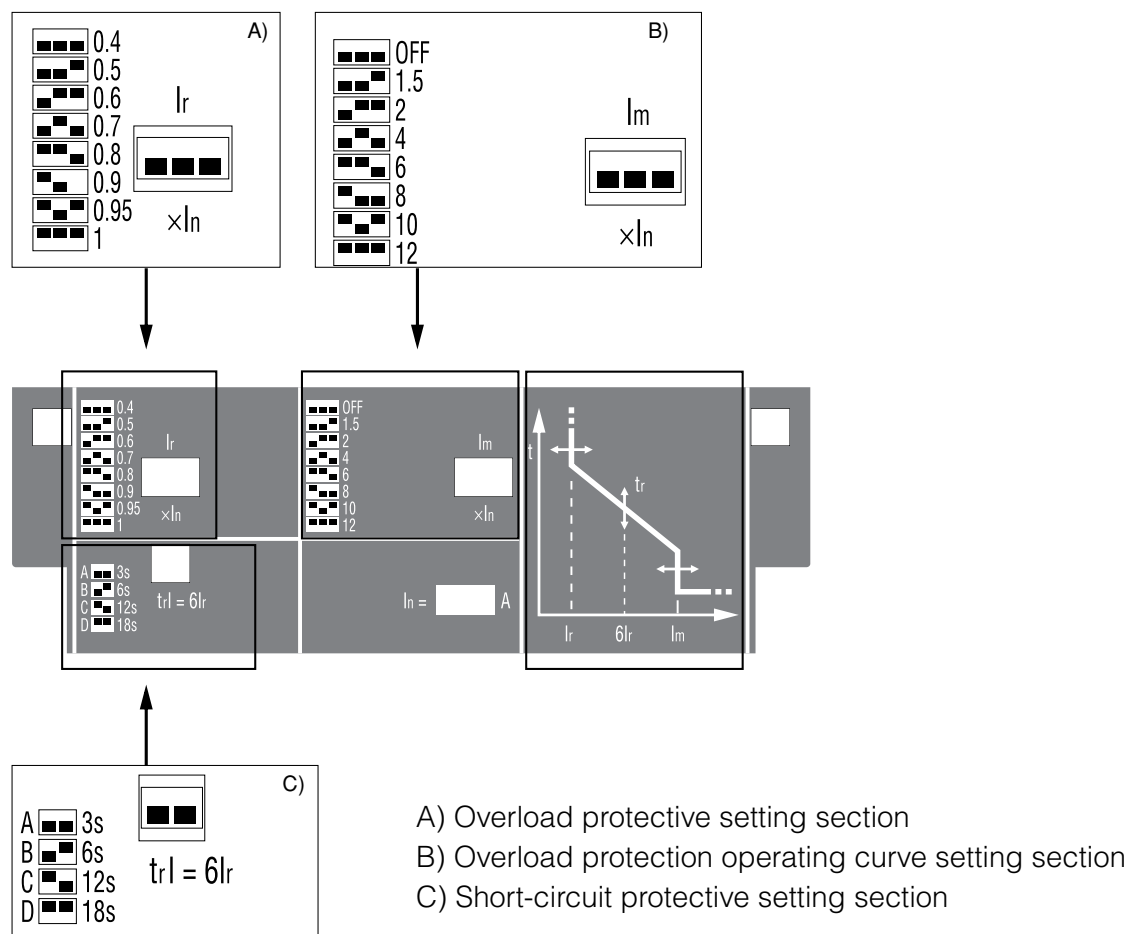
Connection Diagram



Dimensions (mm)

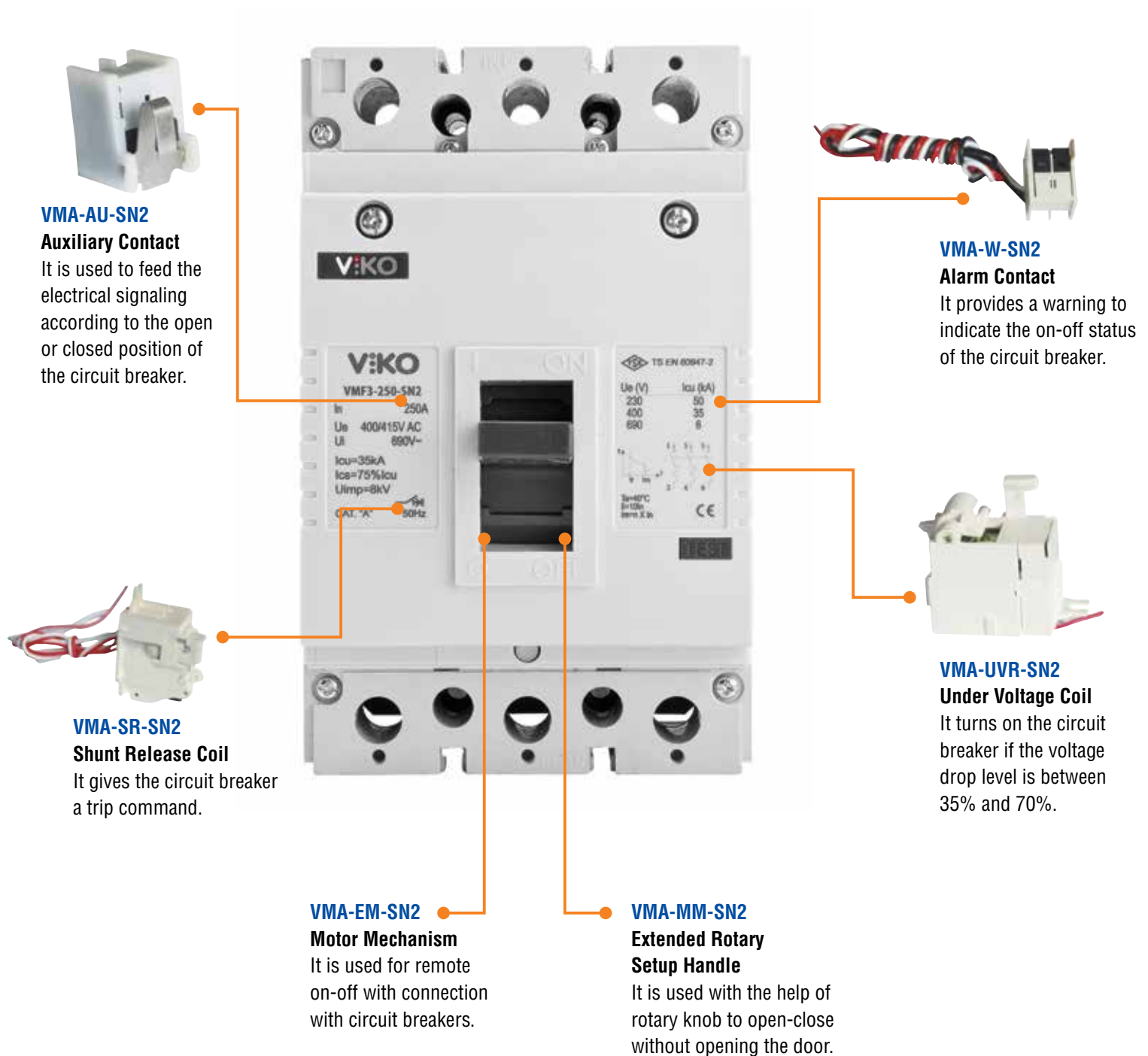


Adjustment Panel



Moulded Case Circuit Breaker

MCCB Accessories - SN2 Series



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

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

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

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

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

Motor Mechanism

Compact to Use It With	Ref. No
VMF1/-SN2	VMA-EM1-SN2
VMF2-VMT2-VMR2/-SN2	VMA-EM2-SN2
VMF3-VMT3-VMR3/-SN2	VMA-EM3-SN2
VMF4-VMT4/-SN2	VMA-EM4-SN2
VMF5-VMT5/-SN2	VMA-EM5-SN2
VME6/-SN2	VMA-EM6-SN2



Shunt Release Coil



Under Voltage Coil



Auxiliary Contact Block



Alarm Contact Block



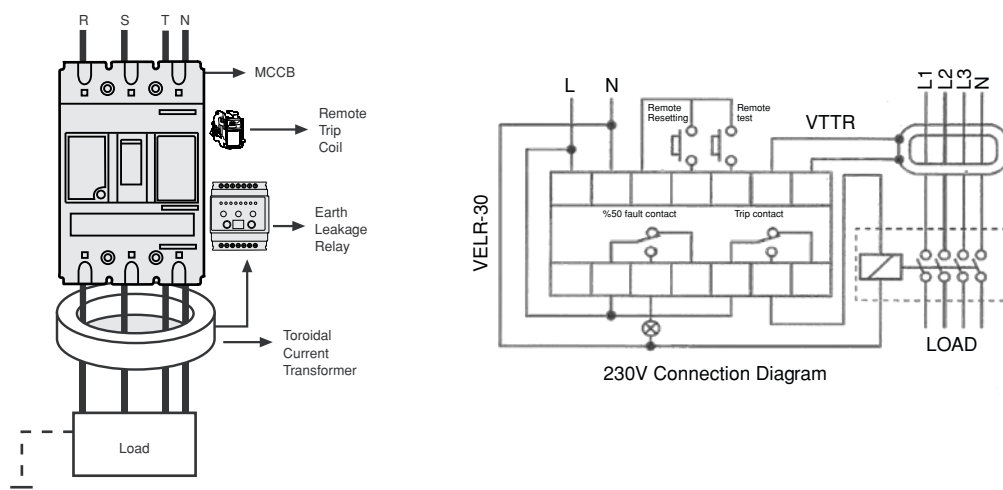
Extended Rotary Setup Handle

Residual Current Combinations

ViKO 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



Compact Switches

Residual Current Detection Relay

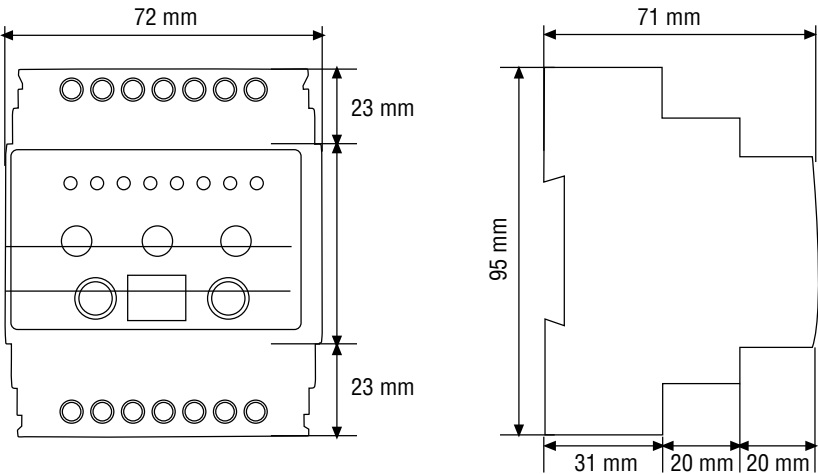


Sensitivity adjustment ($I\Delta n$) of the VELR-30 series leakage current detection relays;

- Sensitivity selection in 9 different settings; 30mA, 50mA, 75mA, 100mA, 125mA, 150mA, 200mA, 250mA, 300mA.
- Multiplier setting with 3 different positions; 1*, 10*, 100*.
- Time setting for fault detection; Immediate (without delay), 50ms, 100ms, 150ms, 250ms, 350ms, 500ms, 1s, 3s.

Threshold Current	Feeding Voltage	Switch-on Time Setting	Reference Number
30mA - 30A	10V/220V A	0.05 sn - 5 sn	VELR - 30

Dimensions (mm)

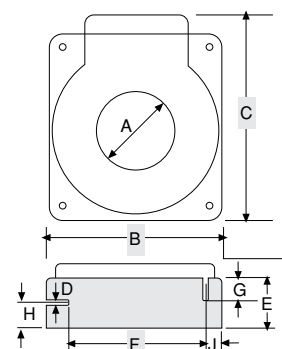


Toroid Current Transformer

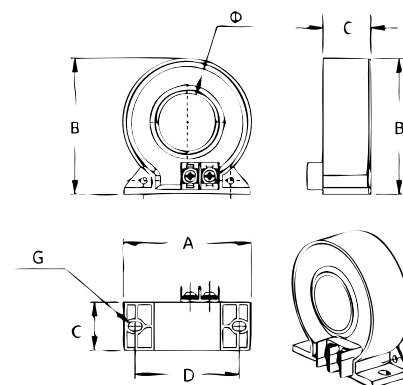


It calculates the difference between the currents entering and leaving the circuit and detects the leakage current that may occur in the system together with the leakage current detection relay.

Dimensions (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



Model	VTTR - 100	VTTR - 150	VTTR - 200
X	100mm	150mm	200mm
A	135.5	189.5	239.5
B	141	196	246
C	26	27	30
D	114.5	171	221
G	M6	M6	M8



Power is under control...

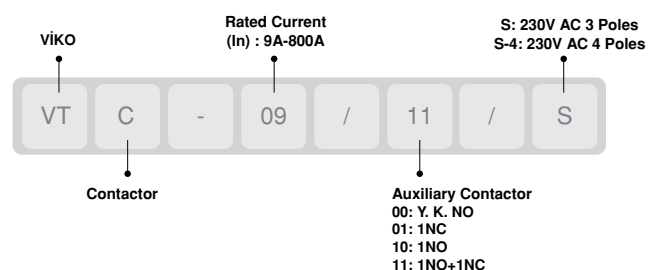
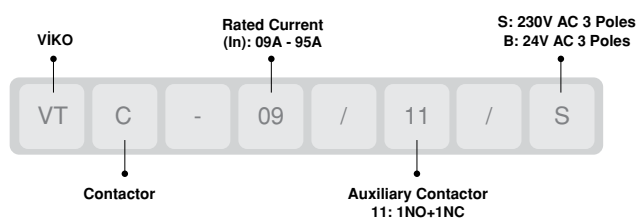
- From 9A to 800A
- In conformity with the EN 60947-4-1 standard
- Easy and safe installation
- Variety of options for accessories
- AC coil voltages 400V
- Maximum safety in installations when used together with ViKO branded compact switches and thermal relays



AC-Power Contactors 3 Pole



AC-Power Contactors 3-4 Pole

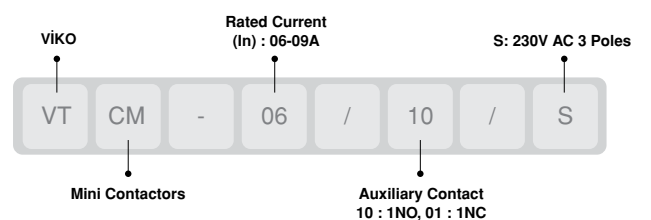
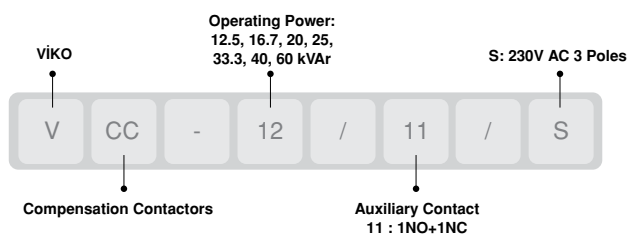




Compensation Contactors



Mini Contactors



Contactors

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

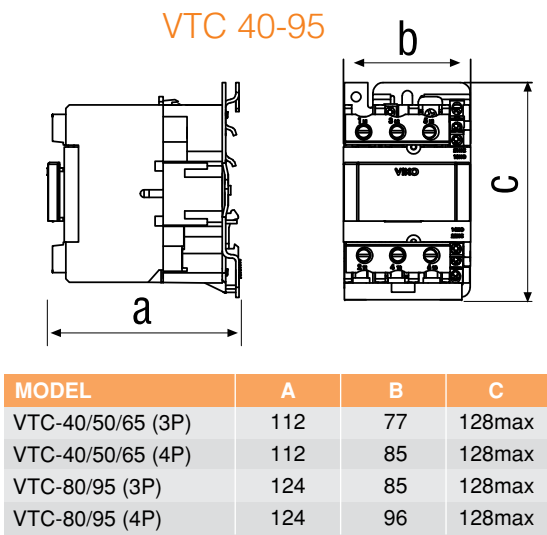
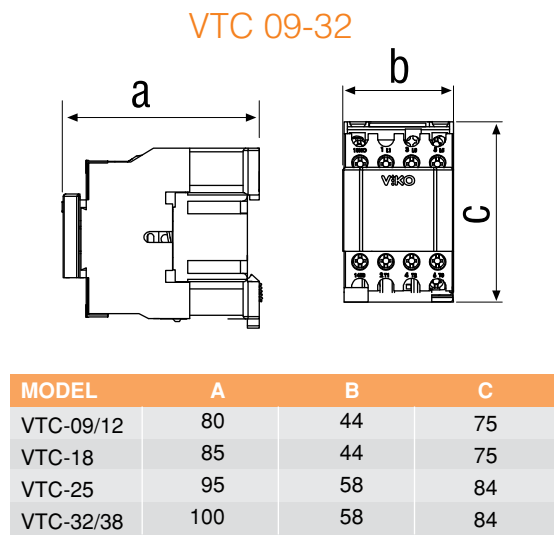


Type		VTC-09	VTC-12	VTC-18	VTC-25	VTC-32	VTC-40	VTC-50	VTC-65	VTC-80	VTC-95
Nominal Power AC-3,400V-kW	380/400 V-A	4	5,5	7,5	11	15	18,5	22	30	37	45
Rated Service Current (Ie) AC3	660/690V-A	9	12	18	25	32	40	50	65	80	95
		7	9	12	18	21	34	39	42	49	49
Contact		1NO/1NC	1NO/1NC	1NO/1NC/1NO+1NC/2NO+2NC	1NO/1NC/1NO+1NC/2NO+2N	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 Pole Option									

VIKO 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 VIKO 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-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

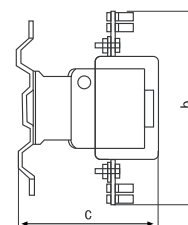
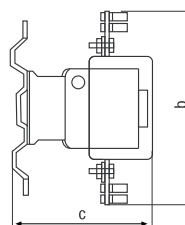
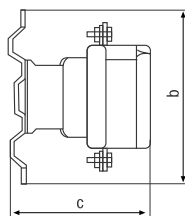
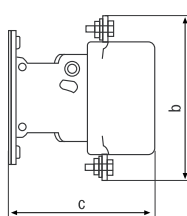
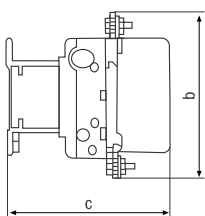
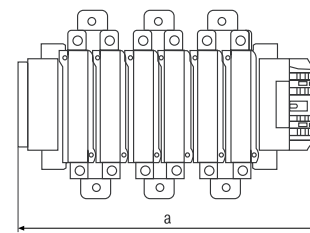
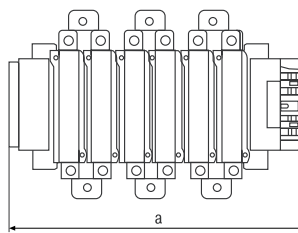
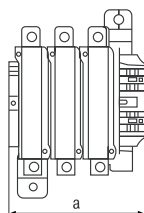
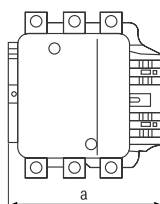
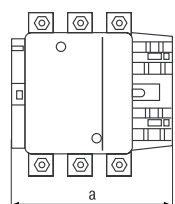
VTC 115-265

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
	500 (3P)	233	238	232
VTC-500 ~ 630	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

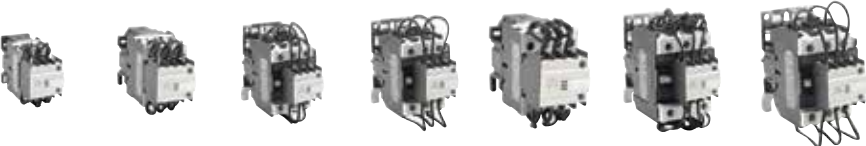
Mini Contactors - (VTCM)

				
Type		Birimi	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)

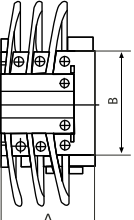
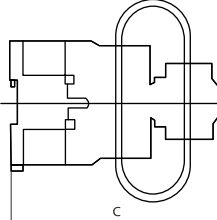
Model	a	b	c
VTCM-06	58	58	45,3
VTCM-09	58	58	45,3

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		12,5	16,7	20,0	25,0	33,3	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	%85Us-%110Us				%85Us-%110Us		
	Tensile Voltage	V	%30Us-%55Us				%30Us-%60Us		

Note: Voltage fluctuations cause an increase in condensers' rated current flow (In) 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.

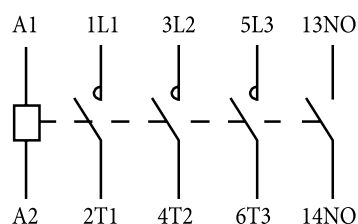
Dimensions (mm)

		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

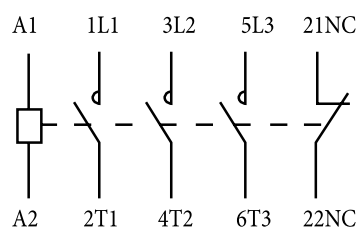
Connection Diagram and Auxiliary Contact Information

With Auxiliary Contact (3 Poles)

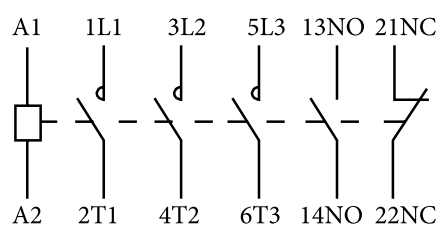
VTC-0910 ~ 3810



VTC 0901 ~ 3801



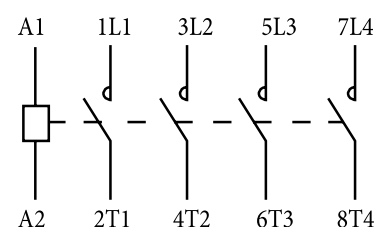
VTC-4011 ~ 9511



Without Auxiliary Contact (4 Poles)

VTC4-9, 12, 25

VTC4-40 ~ 95





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)	
Coil	To the side	VTCA-AU/11N (1NO + 1NC)	-	-
	Control Voltage (Us)	AC (50/60Hz) : 24, 48, 110, 220, 380 V	-	-



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		VRM-32A11
0.63 ~ 1	2	4		VRM-32A12
1 ~ 1.6	2	4		VRM-32A13
1.6 ~ 2.5	4	6		VRM-32A14
2.5 ~ 4	6	10		VRM-32A15
4 ~ 6	8	16		VRM-32A16
5.5 ~ 8	12	20		VRM-32A17
7 ~ 10	12	20		VRM-32A18
9 ~ 13	16	25		VRM-32A21
12 ~ 18	20	35		VRM-32A22
17 ~ 25	25	50		VRM-32A23
23 ~ 32	40	63	VTC-25~32	VRM-32A24
30 ~ 40	40	63		VRM-32A25
23 ~ 32	40	63		VRM-95A31
30 ~ 40	40	100	VTC-40~95	VRM-95A32
37 ~ 50	63	100		VRM-95A33
48 ~ 65	63	100		VRM-95A34
55 ~ 70	80	125		VRM-95A35
63 ~ 80	80	125		VRM-95A36
80 ~ 93	100	160		VRM-95A37

Accessories

VRMA-MA32

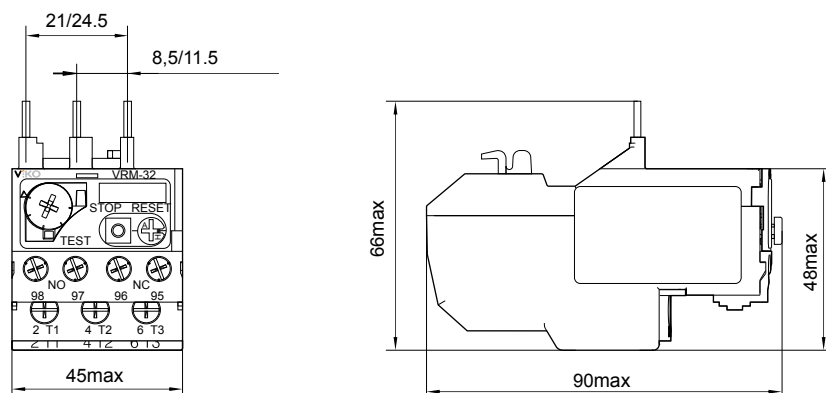
Mounting device compatible with 35 mm DIN rail for VRM32 Series Thermal Relays.

VRMA-MA95

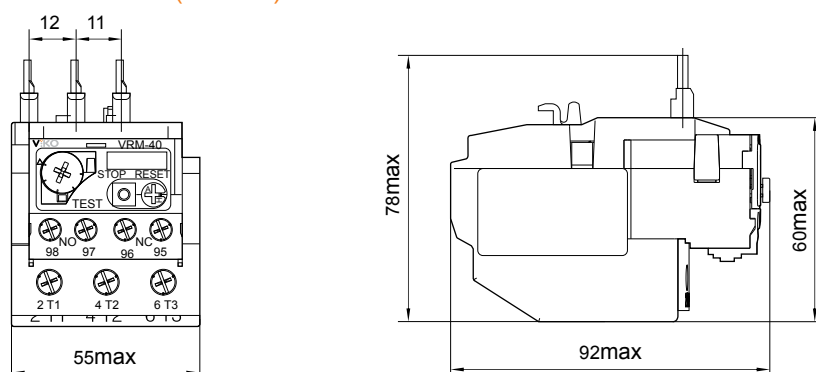
Mounting device compatible with 35 mm DIN rail for VRM95 Series Thermal Relays.

Dimensions (mm)

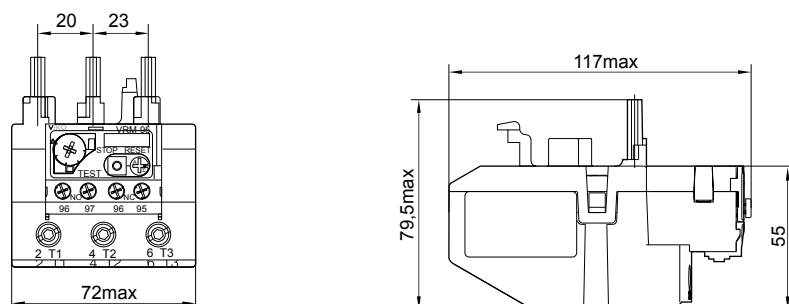
VRM-32A



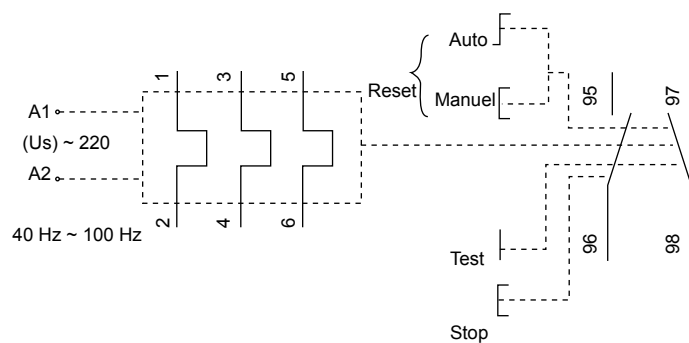
VRM-32A (22-24)



VRM-95A



Connection Diagram



Motor Protection Switches

Maximum protection,
maximum performance...





VMP2 Series

- Overload and short-circuit protection
- Thermal Adjustment field between 0.16-80A
- 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 15kA ~ 100 kA (400V/AC)
- ★ Fast connection

Motor Protection Switches

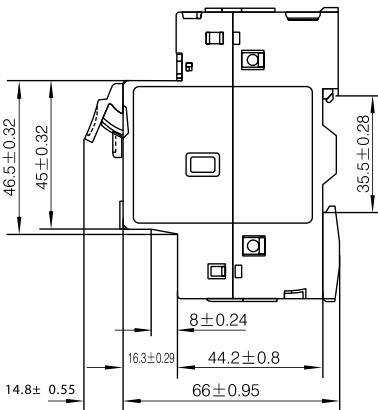
VMP2 Series



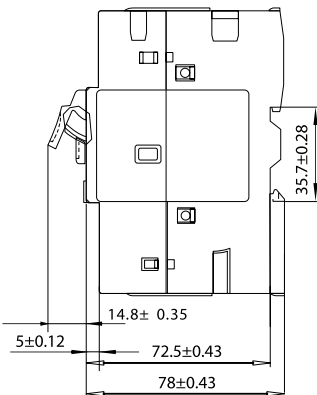
Technical Information

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; 0.40...0.63; 0.63...1.00; 1.00...1.60; 1.60...2.50; 2.50...4.00; 4.00...6.30; 6.30...10.0; 9.00...14.0; 13.0...18.0; 17.0...23.0; 20.0...25.0; 25.0...32.0; 25.0...40.0; 40.0...63.0; 56.0...80.0
Rated Service Voltage (Ue)	690 V / AC
Thermal Tripping Current	1.05 Ir < I ≤ 1.2 Ir Ir : Adjustable Current Value
Range in case of Overcurrent (I)	
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 mm² - Flexible conductor 0.75...6 mm²
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)

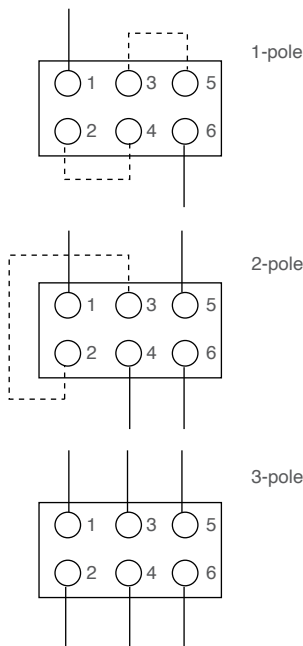


*Dimension information of motor protection switches from VMP2-0.16 to VMP2-32



*Dimension information of motor protection switch from VMP2-40 to VMP2-80

Connection Diagram



Accessories



Auxiliary Contact		
Contact	Mounting	Ref. No
1NO + 1NC	Near	VMPA-AU2/11N
2NO	Near	VMPA-AU2/20N
2NC	Near	VMPA-AU2/02N
1NO	Near	VMPA-AU2/10N
1NO+1NC	Near	VMPA-AN2/11N*
2NO	Near	VMPA-AN2/20N*
2NC	Near	VMPA-AN2/02N*
1NO	On top	VMPA-AU2/10
1NC	On top	VMPA-AU2/01

* VMPA-AN2/11N, VMPA-AN2/02N, VMPA-AN2/20N can be used for VMP2-40, VMP2-63 and VMP2-80

Alarm Contact		
1NO	On top	VMPA-W2/10
1NC	On top	VMPA-W2/01
1NO + 1NC	On top	VMPA-W2/11

Enclosure Box Set (IP 55)	
Enclosure Box Set (IP 55)	VMPA-PB2/E
• Enclosure Box	
• Front Face Protection Frame	
• Padlock	
• Neutral Connection Wire	

Enclosure Box Set (with Emergency Button)	VMPA-PB2/B
• Enclosure Box	
• Front Face Protection Frame	
• Padlock	
• Neutral Connection Wire	
• Emergency Button	

Operating Voltage (V)	Ref. No
Shunt Trip Release	
220/240	VMPA-SR2S
Under Voltage Release	
220/240	VMPA-UVR2S

Selection Table

Reference	Thermal Adjustment Field	Short Circuit Breaking Capacity Icu(kA)			Service Short Circuit Breaking Capacity Ics(kA)			Power of Motor (kW) 3 Phase		
		230/240V	400/415V	660/690V	230/240V	400/415V	660/690V	230/240V	400/415V	660/690V
VMP2-0.16	0.1-0.16	100	100	100	100	100	100	-	-	-
VMP2-0.25	0.16-0.25	100	100	100	100	100	100	-	-	-
VMP2-0.40	0.25...0.40	100	100	100	100	100	100	-	-	-
VMP2-0.63	0.40...0.63	100	100	100	100	100	100	-	-	0.37
VMP2-1	0.63...1.00	100	100	100	100	100	100	-	-	0.55
VMP2-1.6	1.00...1.60	100	100	100	100	100	100	-	-	1.1
VMP2-2.5	1.60...2.50	100	100	3	100	100	2.25	0.37	0.75	1.5
VMP2-4	2.50...4.00	100	100	3	100	100	2.25	0.75	1.5	3
VMP2-6.3	4.00...6.30	100	100	3	100	100	2.25	1.1	2.2	4
VMP2-10	6.00...10.0	100	100	3	100	100	2.25	2.2	4	7.5
VMP2-14	9.00...14.0	100	15	3	100	7.5	2.25	3	5.5	9
VMP2-18	13.0...18.0	100	15	3	100	7.5	2.25	4	9	11
VMP2-23	17.0...23.0	100	15	3	50	6	2.25	5.5	11	15
VMP2-25	20.0...25.0	50	15	3	50	6	2.25	5.5	11	18.2
VMP2-32	24.0...32.0	50	15	3	50	6	2.25	7.5	12.5	22
VMP2-40	25.0...40.0	-	15	-	-	7.5	-	11	22	-
VMP2-63	40.0...63.0	-	15	-	-	7.5	-	15	33	-
VMP2-80	56.0...80.0	-	15	-	-	7.5	-	22	45	-

User friendly design...





Safety and design have met within VIKO distribution boxes. Sensitive safety thanks to plastic's insulative nature and decorative appearance due to aesthetical lines are together within the VIKO 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



VIKO 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 / $+60^{\circ}\text{C}$.
- 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.



Terminal



4-Terminal
90910001



6-Terminal
90910002



9-Terminal
90910003



10-Terminal
90910004



12-Terminal
90910005

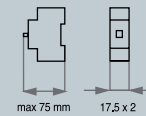
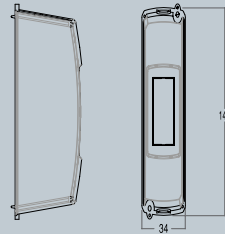


Insulated Neutral Earth Terminal - 2x6
90911002

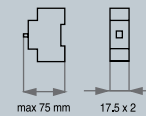
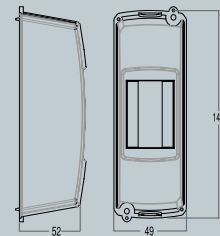


Insulated Neutral Earth Terminal - 2x10
90911005

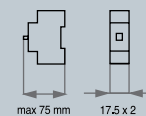
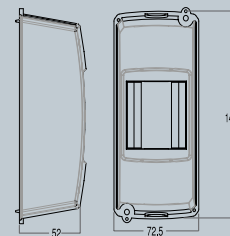
1-Surface Mounted 90914000



1-2-Surface Mounted 90914001

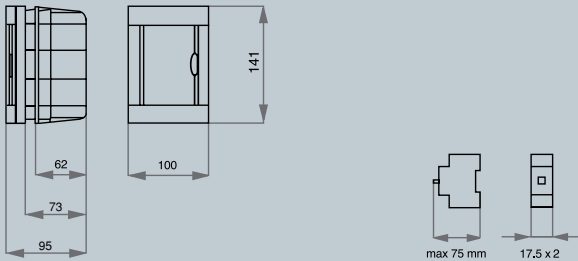


3-4-Surface Mounted 90914003

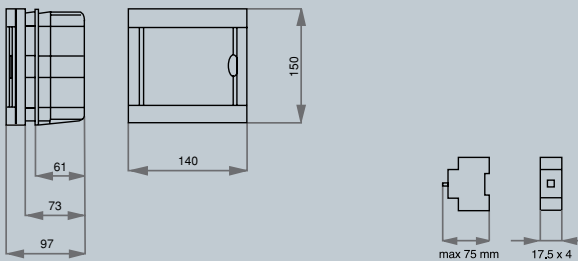


Distribution Boxes

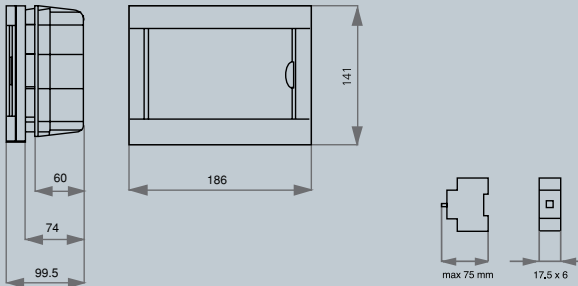
2-Flush Mounted 90912002



4-Flush Mounted 90912004



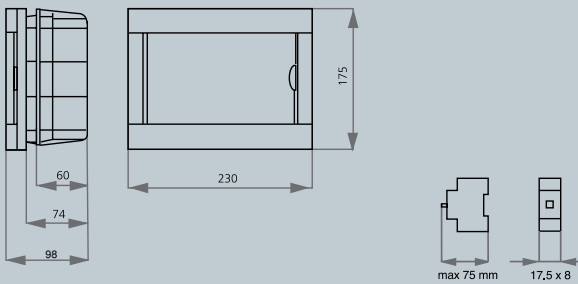
6-Flush Mounted 90912006



8-Flush Mounted 90912008



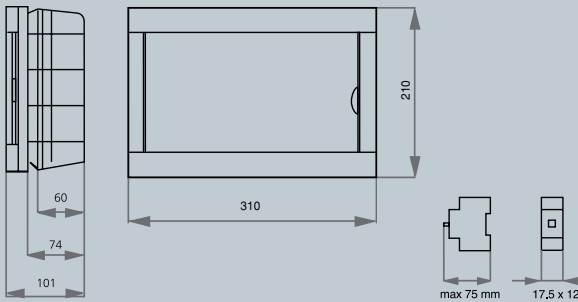
Locked cover system.



12-Flush Mounted 90912012



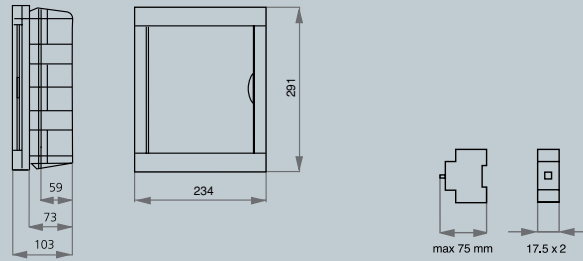
Locked cover system.



16-Flush Mounted 90912016



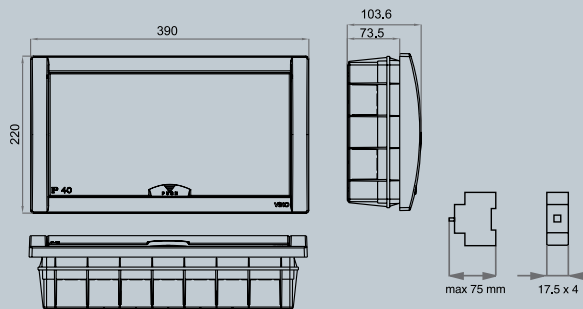
Locked cover system.



18-Flush Mounted 90912018



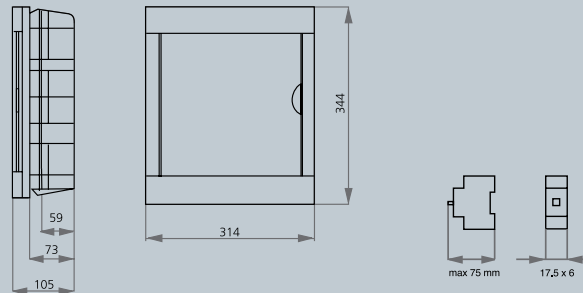
Locked cover system.



24-Flush Mounted 90912024



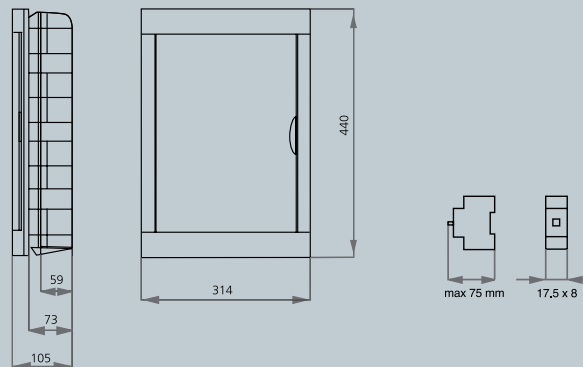
Locked cover system.



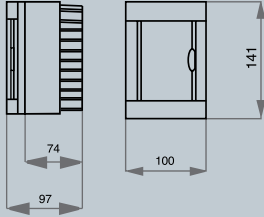
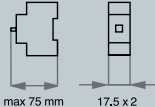
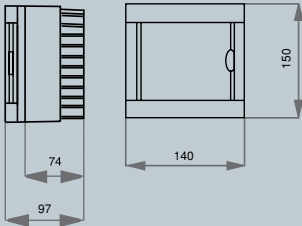
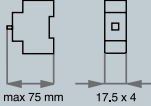
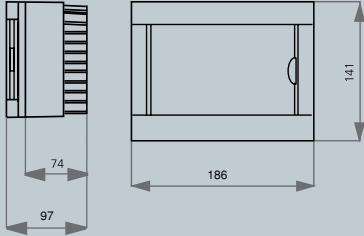
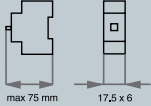
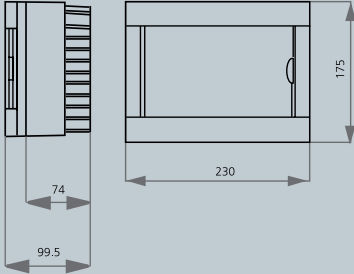
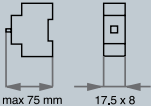
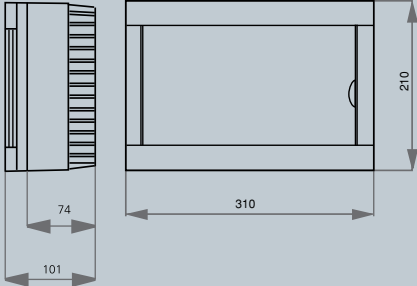
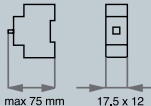
36-Flush Mounted 90912036



Locked cover system.



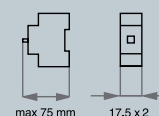
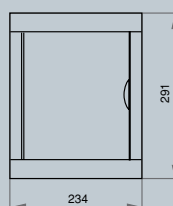
Distribution Boxes

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



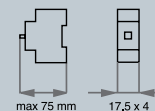
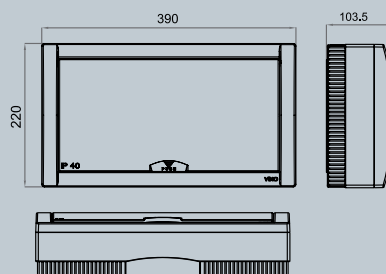
Locked cover system.



18-Surface Mounted 90912118



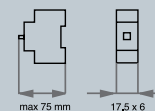
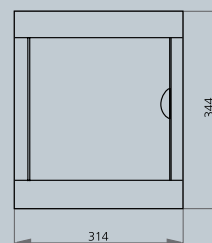
Locked cover system.



24-Surface Mounted 90912124



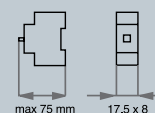
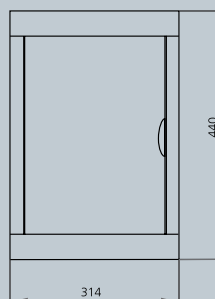
Locked cover system.



36-Surface Mounted 90912136

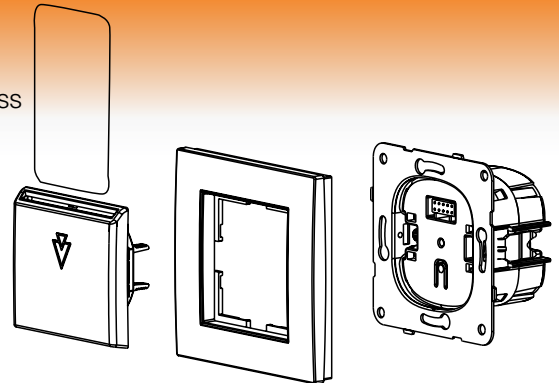


Locked cover system.



Useful information about Energy Savers

- With the By-Pass feature, uninterrupted use of energy is provided in case of failure.
- Thanks to the pilot illumination on the card reader, you can easily access the product even in a dark environment.
- Thanks to the delay feature, the energy is cut off 15 seconds after the card is removed from the slot in 5V products and 25-30 seconds in 230V products.
- RFID product selection can only be used with 13.56 MHz cards. If you wish, you can choose a product with mechanical key you can use with all cards.



Energy Saver 230V with Mechanical Switch



Energy Saver 5V with Mechanical Switch



Energy Saver 13,56 MHz RFID



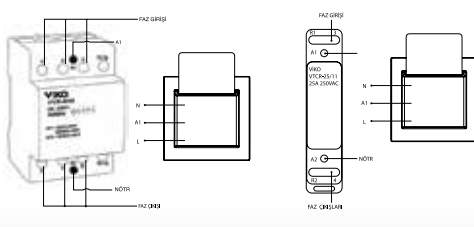
- You can use our 230V Energy Saver products with mechanical switches together with our VTC and VTCR series products.
- You can use with all cards.

- 5V Energy Saver products with mechanical switches should only be used with their own relay unit (ESCU).
- Thanks to the M1K1- M2K2 contacts on the relay, you can save much more energy with magnetic contacts that you can add to your glass and balcony doors.
- You can use with all cards.

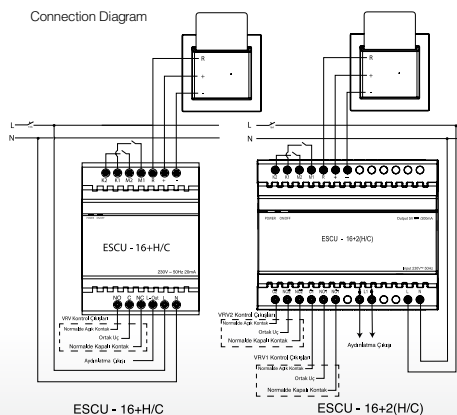
- 13.56 MHz RFID Energy Saver products should only be used in combination with its own relay unit (ESCU).
- Thanks to the M1K1- M2K2 contacts on the relay, you can save much more energy with magnetic contacts that you can add to your glass and balcony doors
- It can be used with cards that provide 13.56 MHz frequency values.



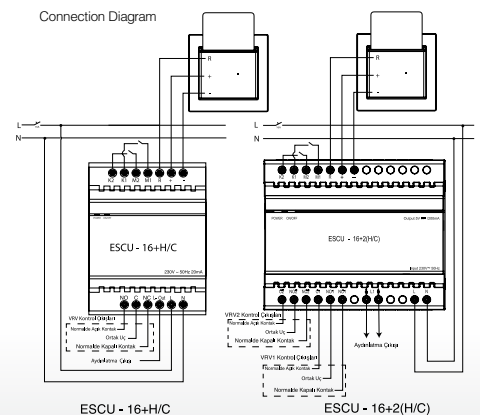
Connection Diagram with Mechanical Switch (2 Pole - 4 Pole) Contactor



Connection Diagram



Connection Diagram



Frequent Assembly Errors



Compact Switches

In our compact switch products, energy inputs must be made from the top of the product.



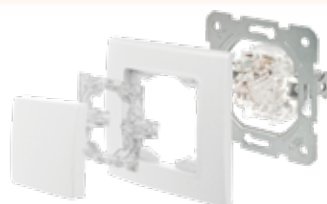
Mechanism & Frame (Multiple Assembly)

In cases where two or more mechanisms are installed, the toggle tabs on the mechanism must be correctly aligned with each other and fixed to the floor.



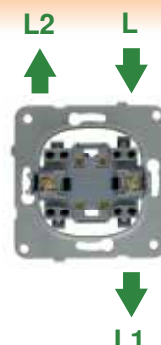
Frame and Fixing Part

At the assembly stage, firstly the fixing part removed from the mechanism is attached to the frame. The frame is then mounted on the mechanism and finally the button/cap is inserted into the body.



Blind Switch

The connection indicated by the red arrows is the most frequently encountered connection error. For correct use, you must use the connection method indicated by the green arrows.



Energy Saver Control Unit

Magnetic contacts K1-M1, K2-M2 on the relay must be shortcircuited when not in use.

