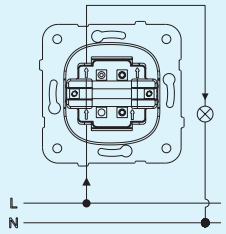
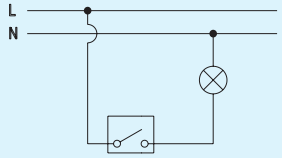
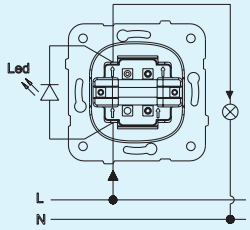
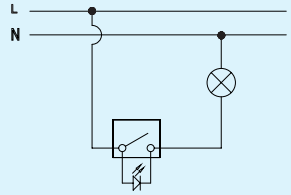
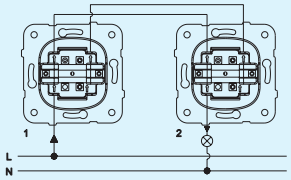
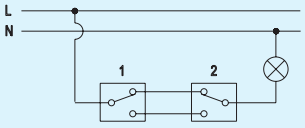
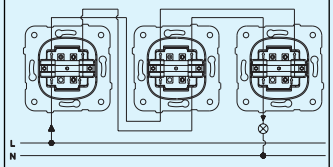
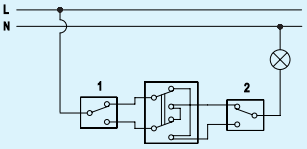
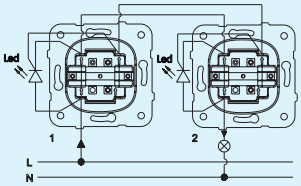
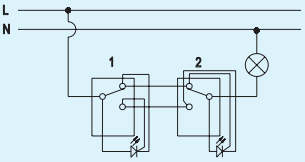
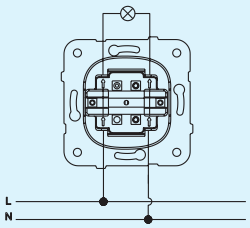
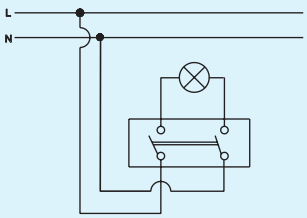
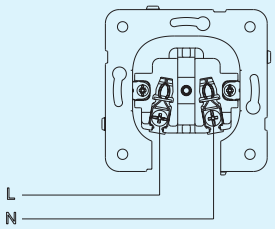
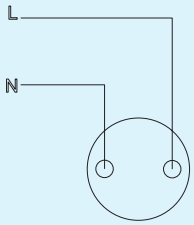
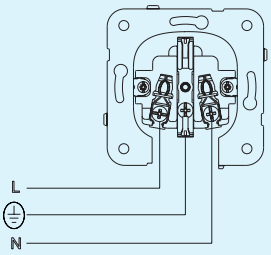
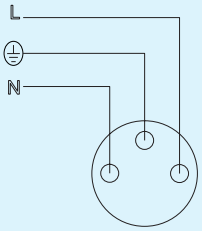
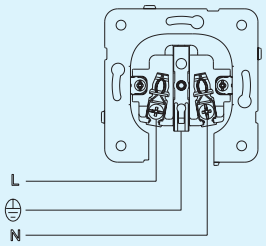
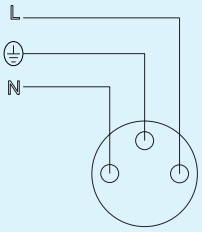
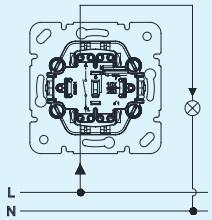
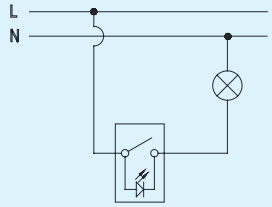
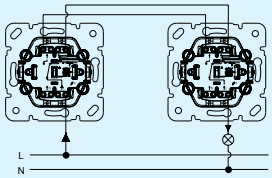
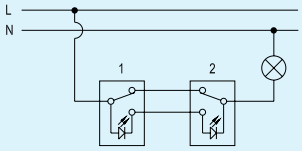
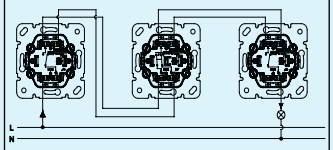
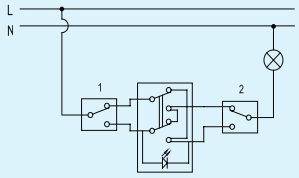
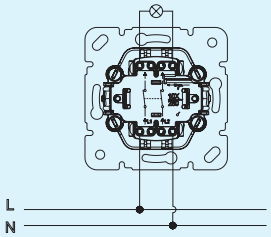
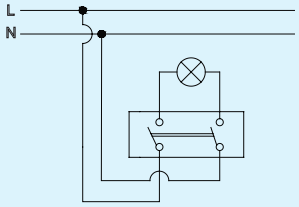
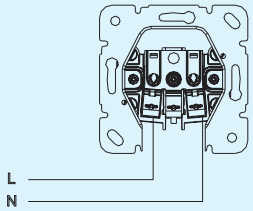
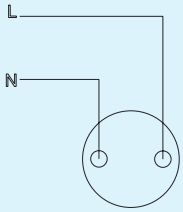
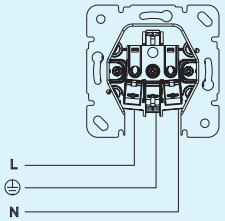
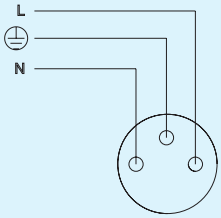
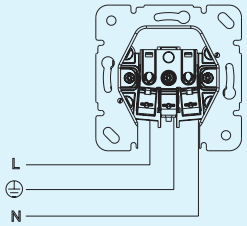
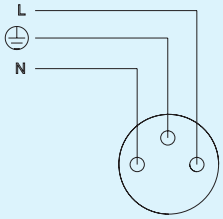
Sample Connection Diagrams for Karre Plus & Arkedia Series

Product Type	Technical Information	Wiring Diagram	Circuit Diagram
One-Way Switch	• 10AX, 250V~ • One-Way • Screw Connection		
One-Way Switch, Illuminated	• 10AX, 250V~ • One-Way • Illuminated • Screw Connection		
Two-Way Switch	• 10AX, 250V~ • Two-Way • Screw Connection		
Intermediate Switch	• 10AX, 250V~ • Two-Way • Screw Connection		
Two-Way Switch, Illuminated	• 10AX, 250V~ • Two-Way • Illuminated • Screw Connection		
2-Pole Switch	• 16AX, 250V~ • 2-Pole • Screw Connection		

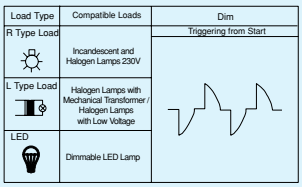
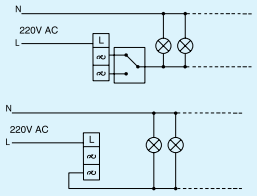
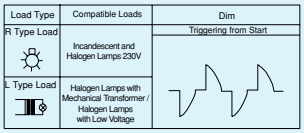
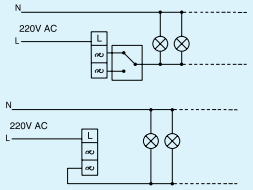
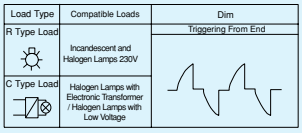
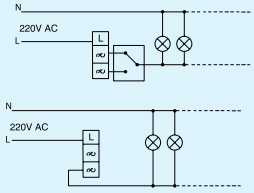
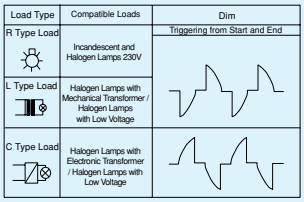
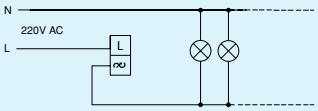
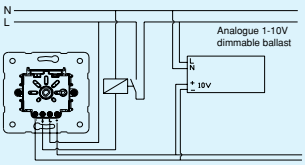
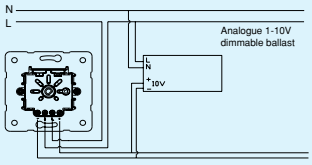
Sample Connection Diagrams for Karre Plus & Arkedia Series

Product Type	Technical Information	Wiring Diagram	Circuit Diagram
Socket 2P	• 16A, 250V~ • 2P • Screw Connection		
Socket 2P+E	• 16A, 250V~ • 2P+E • Screw Connection		
Socket 2P+E (French Type)	• 16A, 250V~ • 2P+E • Screw Connection		

Sample Connection Diagrams for Thea Series

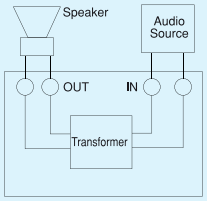
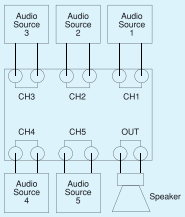
Product Type	Technical Information	Wiring Diagram	Circuit Diagram
One-Way Switch	• 10AX, 250V~ • One-Way • Screwless Connection		
Two-Way Switch	• 10AX, 250V~ • Two-Way • Screwless Connection		
Intermediate Switch	• 10AX, 250V~ • Two-Way • Screwless Connection		
2-Pole Switch	• 16AX, 250V~ • 2-Pole • Screwless Connection		
Socket 2P	• 16A, 250V~ • 2P • Screwless Connection		
Socket 2P+E	• 16A, 250V~ • 2P+E • Screwless Connection		
Socket 2P+E (French)	• 16A, 250V~ • 2P+E • Screwless Connection		

Dimmer Technical Specifications

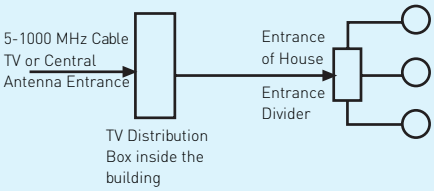
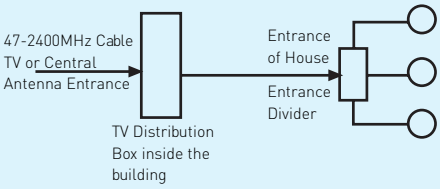
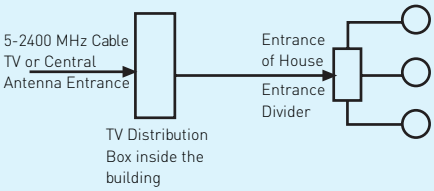
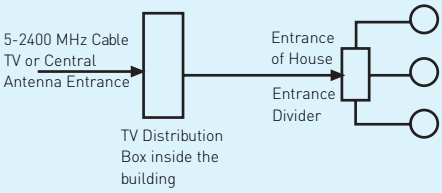
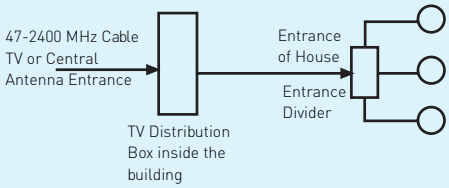
Product Type	Technical Information	Load Types	Circuit Diagram
Pro Dimmer RL 6-100W (LED Dimmer)	• RL Dimmer • Maximum Output: 100W (R Type Load), 100VA (L Type Load) • Minimum Output: 6W • Feature to use as two-way switch • Feature to switch on/off at the set level of dimming.		
Pro Dimmer RL 20-500W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

Dimmer Family	Model	Halogen and Incandescent Lamps	Mechanical Transformer Controlled Lamp	Electronic Transformer Controlled Lamp	Dimmable LED Lamp	Fluorescent Lamp
RL Dimmer	Pro Dimmer RL 6-100W/VA (LED Dimmer)	●	●	—	●*	—
	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	—	—	—	—	●

Audio Switch / Socket Technical Specifications

Product Type	Technical Information	Circuit Diagram
Volume Control Switch	• 11 Level Volume Selection 2VA Transformer (For line transformes system) • Convenient for 4x100W speaker	
Audio Channel Selection Switch	• 5 Channel Selection	

TV / SAT Sockets Technical Specifications

Product Type	Wiring Diagram	Circuit Diagram
TV Socket		
TV - SAT Socket		
TV - RD - SAT Socket		
SAT - SAT - TV Socket		
SAT Socket		

	TV	
f/MHz	5	860-950-1000
Signal Loss (DB)	≤3.5	≤3.5
Jumper Loss (DB)	≤3,5	≤5,0

	TV			SAT
f/MHz	47-68	174-470	470-862	950-2400
Signal Loss (DB)	≤1.5	≤1.5	≤1,5≤	2,0

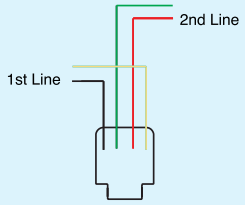
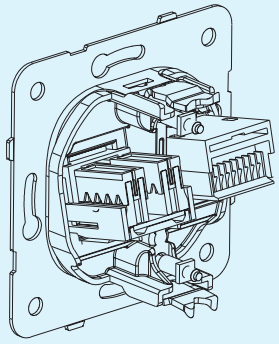
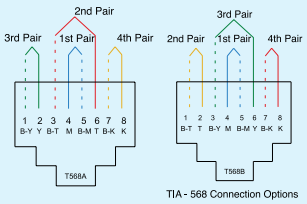
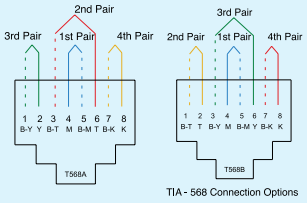
	SAT-TV-RD							
f/MHz	5	860-950	1000	1200	1600	2000	2250	2400
Signal Loss (DB)	≤0.1	≤0.8	≤1	≤1,2	≤1,8	≤2,2	≤2,5	≤3,5

	TV-SAT-SAT							
f/MHz	5	860-950	1000	1200	1600	2000	2250	2400
Signal Loss (DB)	≤0.1	≤0.8	≤1	≤1,2	≤1,8	≤2,2	≤2,5	≤3,5

	SAT
f/MHz	950-2400
Signal Loss (DB)	2,0

Panasonic

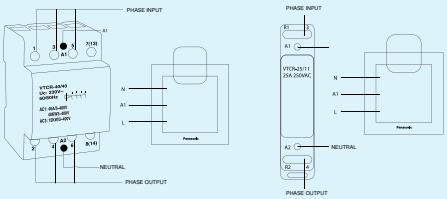
TEL / DATA Sockets Technical Specifications

Product Type	Technical Information	Wiring Diagram	Mechanism Structure
RJ11 Cat3	• RJ11 4 Contact		
RJ45 Cat5e	• RJ45 Cat5e		
RJ45 Cat6	• RJ45 Cat6		

Electronic Products Technical Specifications

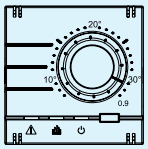
Energy Saver

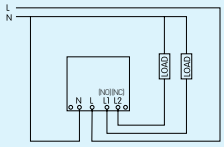
Operating Voltage	230V~50Hz
Operating Temperature	0 - 45°C
Standardization	EN 60669-2-1
Maximum Switching Current	0.5A
Data Cable	Minimum 0.50 mm^2 çap
Switching Components	THRISTOR, MOSFET
Switching Time	Max. 1sn
Delay Time	15sn±3sn



Room Thermostat

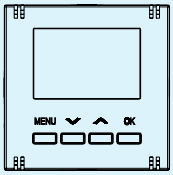
Maximum output current: • Changeover / normaly open contact • Changeover / normaly closed contact	 NO: 10(4)A 230VAC NC: 5(2)A 230 VAC
Electrical Rating	230V~±%10, 50Hz
Temperature control range	10 - 30°C ±1°C
Minimum switching time	5 minute
Operating temperature	0 - 30°C
Protection	IP20
Standardization	EN60730-1 EN60730-2-9





Programmable Room Thermostat

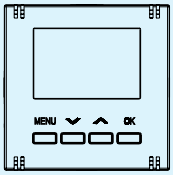
Maximum output current: • Changeover / normaly open contact • Changeover / normaly closed contact	 NO: 10(4)A 230VAC NC: 5(2)A 230 VAC
Electrical Rating	230V~±%10, 50Hz
Power reserve	About 6 hour at 25°C
Temperature control range	5 - 30°C
Memory capacity	4 operating range per day
Minimum switching time	5 minute
Operating temperature	0 - 30°C
Protection	IP20
Standardization	EN60730-1 EN60730-2-9



Programmable Digital Thermostat
Temperature setting between 5 - 30°C
+/- 1°C measurement precision
Graphic LCD display
Menu to use easily
Power reserve exceeding 6 hours
Outside, at home and night modes
Summer / Winter - 2 separate weeks scheduling feature (weekday, weekend, whole week)
Protection against freezing
Programmable Digital Thermostat

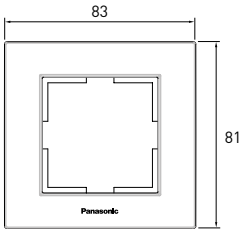
Programmable Shutter Control

Maximum output current:	5A(2A) 230 VAC
Electrical rating	230V~±%10, 50Hz
Power resverve	About 6 hour at 25°C
Memory capacity	4 operating range per day
Operating temperature	0 - 30°C
Protection	IP20
Standardization	EN60669-2-1

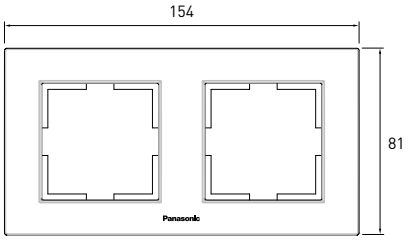


Digital Programmable Shutter Control
Graphic LCD display
Easy-to-use menus
Power reserve exceeding 6 hours
Semi-open, open, closed modes
Summer / Winter - 2 separate weeks scheduling feature

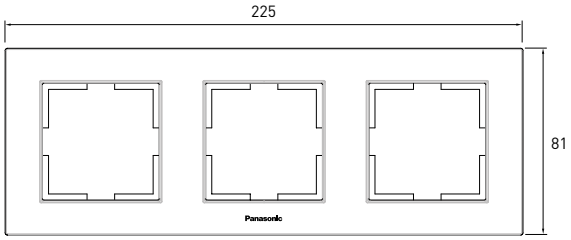
KARRE PLUS Frames



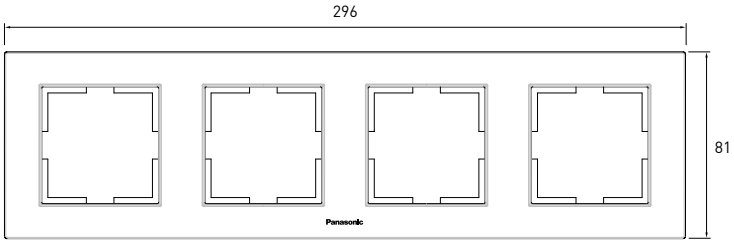
1- Gang Frame



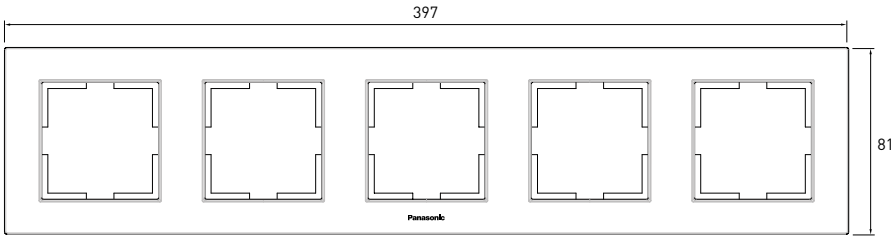
2- Gang Frame



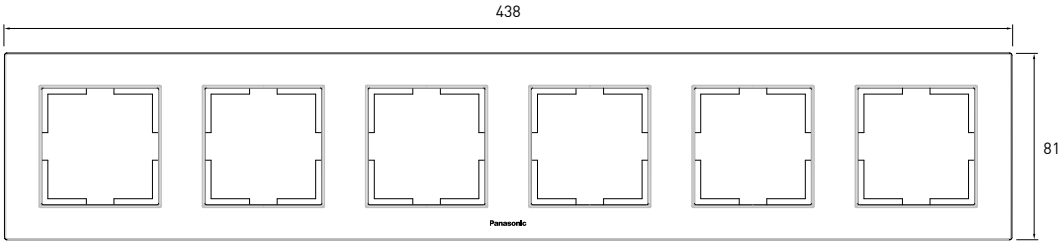
3- Gang Frame



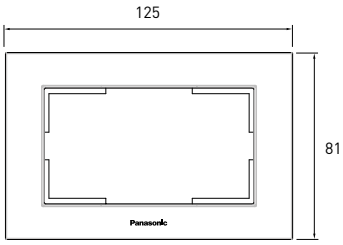
4- Gang Frame



5- Gang Frame

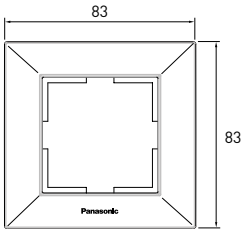


6- Gang Frame

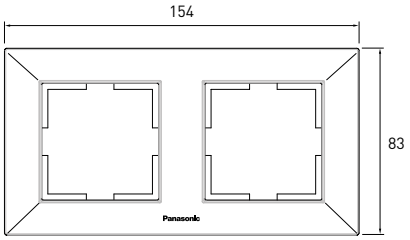


Mounted Frame

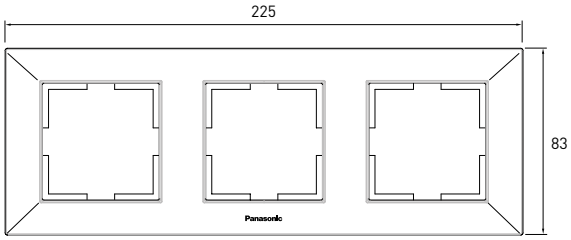
ARKEDIA Frames



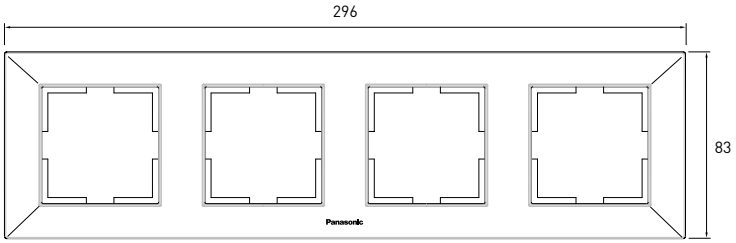
1- Gang Frame



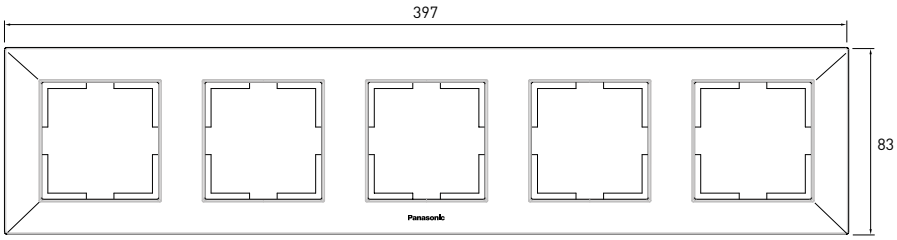
2- Gang Frame



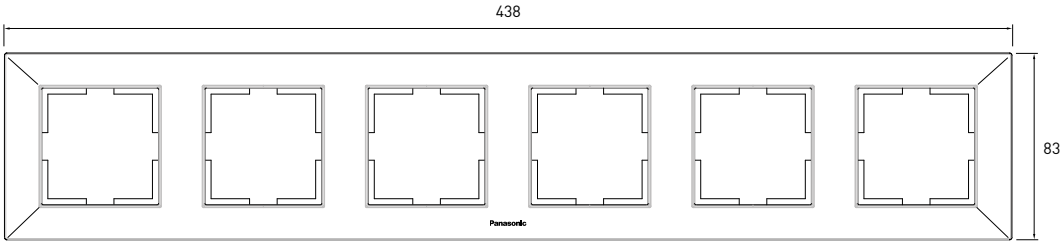
3- Gang Frame



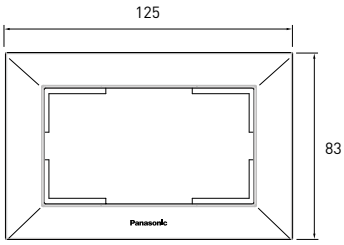
4- Gang Frame



5- Gang Frame

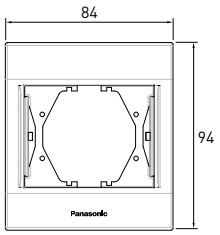


6- Gang Frame

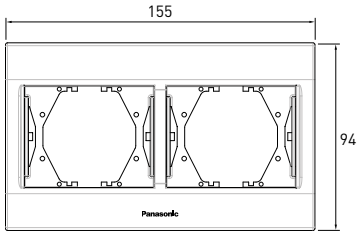


Mounted Frame

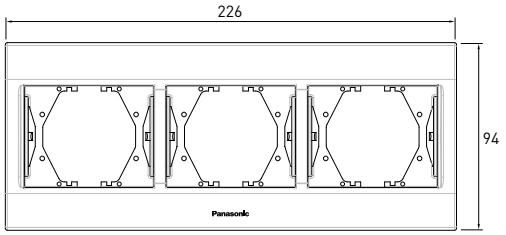
THEA BLU Frames



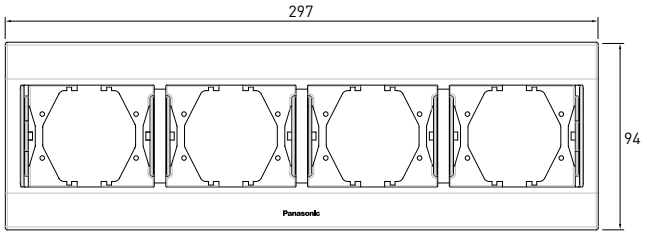
1- Gang Frame



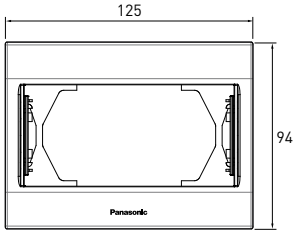
2- Gang Frame



3- Gang Frame



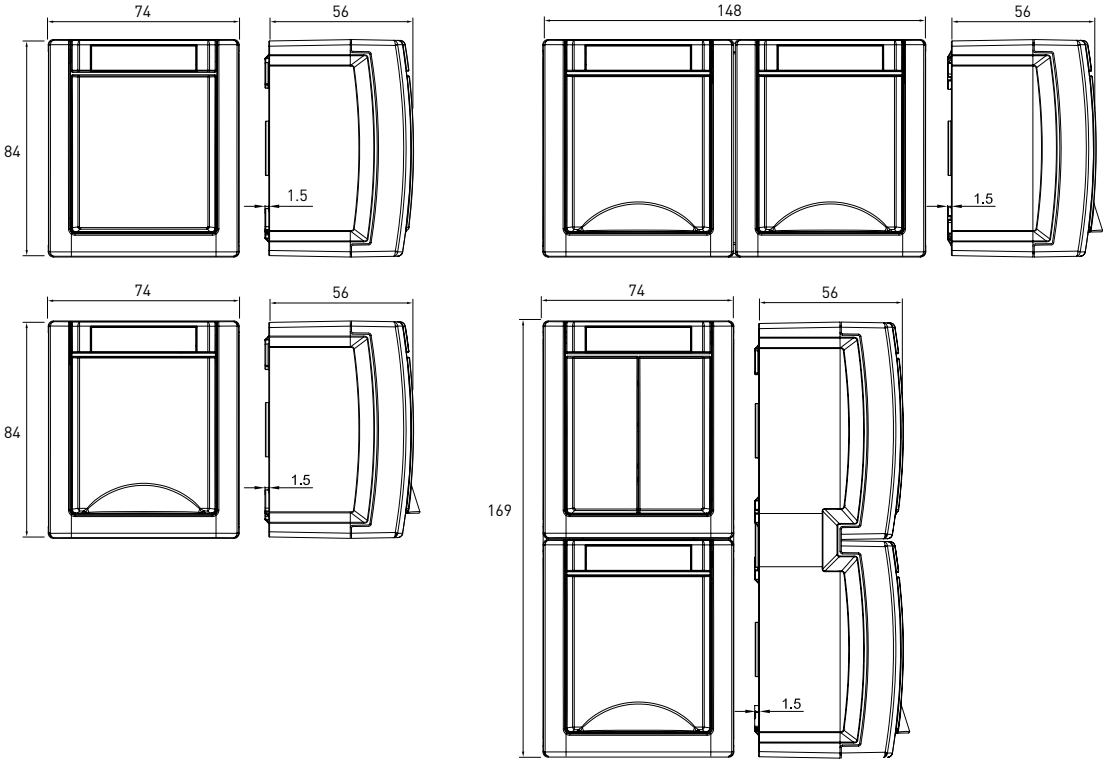
4- Gang Frame



Mounted Frame

Panasonic

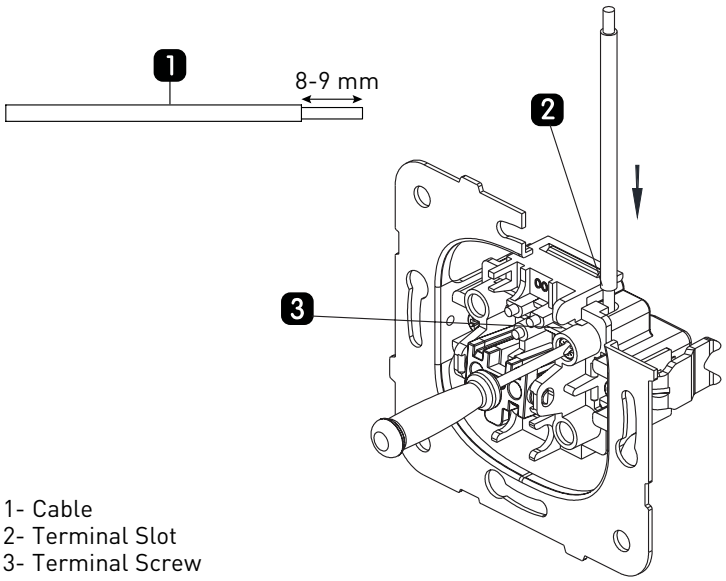
PACIFIC General Dimensions



Screw / Screwless Cable Assembly

SCREW COUPLING CABLE ASSEMBLY

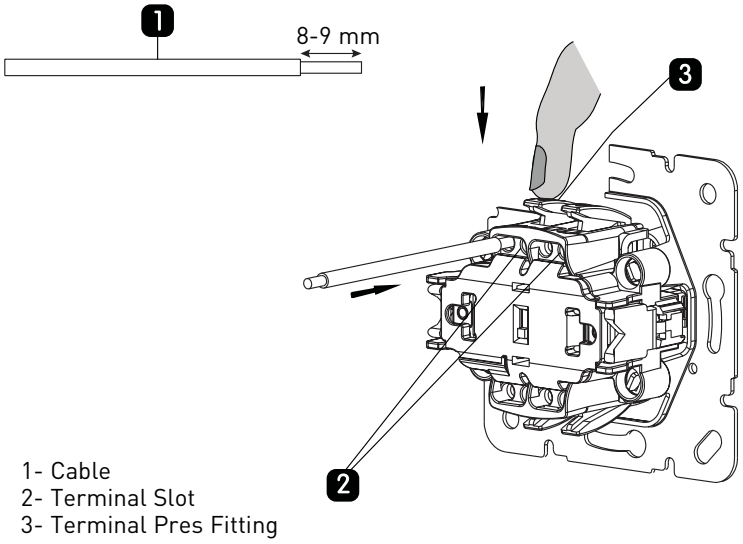
Extend the cable dimension (1) for 8-9 mm so that the conductor part does not remain exposed and insert the conductor part to the terminal slot (2) by loosening the terminal screw (3). After the cable is placed into the terminal slot (2), tighten the terminal screw (3) to complete the cable assembly.
By rotating the cable, ensure that it's securely inserted in its place.



1- Cable
2- Terminal Slot
3- Terminal Screw

SCREWLESS (QUICK COUPLING) CABLE ASSEMBLY

Extend the cable dimension (1) for 8-9 mm so that the conductor part does not remain exposed and insert the conductor part to the terminal slot (2) by loosening the terminal screw (3).
After the cable is placed into the terminal slot (2), release the terminal press fitting (3) to complete the cable assembly. By rotating the cable, ensure that it's securely inserted in its place.



1- Cable
2- Terminal Slot
3- Terminal Pres Fitting