Panasonic

KNX SECURE 1-10 V DIMMER CONTROL UNIT 4 GANG GV

WRKT5154J5NC

Panasonic

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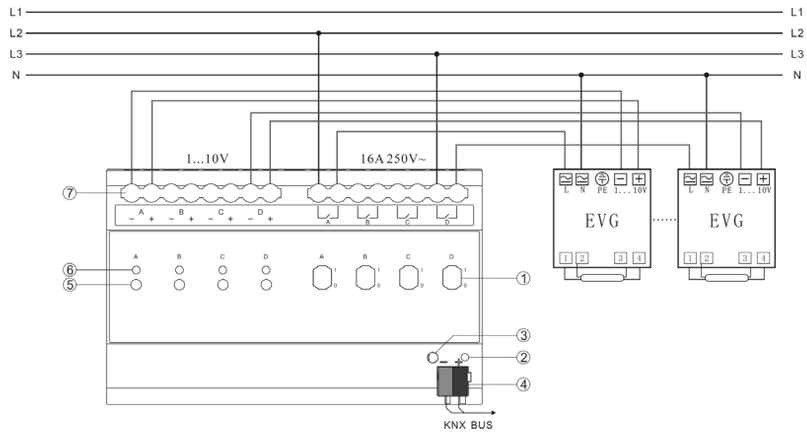
Characteristics

- Switching the light
- Relative dimming
- Absolute dimming
- Status report
- Setting 15 scenes
- Staircase lighting function
- Bus recovery (or reset) function
- Preset value and modify preset value functions
- Switch/relative dimming via manual buttons
- KNX Data Secure

Parameters

Power Supply	
Bus voltage	21~30V DC , via the KNX bus
Bus current	<9mA/24V, <8.5mA/30V
Bus consumption	<255mW
Charging current	<20mA
Output	
Channel	4-fold independent outputs
Output voltage	1-10V DC(passive) max. 100mA per output
Switch current	16A/250V AC
Connections	
KNX	Bus connection terminal(Red/Black)
Outputs	16 screw terminals: 8 terminals to connect 4 channels of 1-10V common ground and 1-10V output 8 terminals to connect 4 channels of switch
Operation and display	
Red LED and button	For assigning the physical address
Green LED flashing	For displaying the application layer running normally
Temperature	
Operation	–5°C ... + 45 °C
Storage	–25 °C ... + 55 °C
Transport	–25 °C ... + 70 °C
Mounting	Standard 35mm DIN rail installation

Product Descriptions



1- Mechanical manual operation
2- Red LED for entering the physical address, green LED for application layer running normally
3- Programming button
4- Bus connection terminal
5- Electronical manual button
6- LEDs of indicating output status for each channel, LED off indicates that the channel is off, while LED on indicates that the channel is on
7- Output, load terminals

Reset the device to the factory configuration: press the programming button and hold for 4 seconds then release, repeat the operation for 4 times, and the interval between each operation is less than 3 seconds

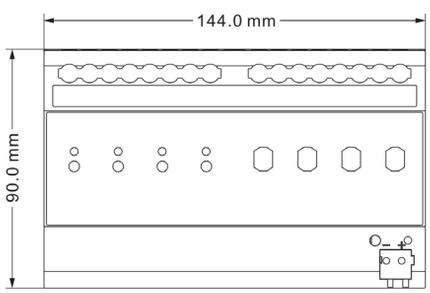
Installation Figure

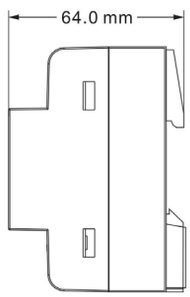
The devices are suitable for installation on the distribution boards with 35mm mounting rail which complies with DIN EN 60715 or a small box in order to facilitate quick installation of the device. Must ensure that the device operation, testing, detecting, maintenance correctly.

Important Information

Installation and commissioning of the device may only be carried out by trained electricians. The relevant standards, directives, regulations and instructions must be observed when planning and implementing the electrical installation.
• Protect the device against moisture, dirt and damage during transport, storage and operation!
• Do not operate the device outside the specified technical data (e.g. temperature range)!
• The device may only be operated in closed enclosures (e.g. distribution boards).
Should the device become soiled, it may be cleaned with a dry cloth. If this does not suffice, a cloth lightly moistened with soap solution may be used. On no account should caustic agents or solvents be used.

Dimensions





Model	Dimension	Weight
WRKT5154J5NC	144×90×64mm	0.5kg

WARNING

• Ensure that the power is cut off before the assembly of the products .
• Connection and assembly of the electrical devices should be carried out only by the technical personnel having certificate of competency.
• No responsibility is assumed for the entire of the malfunction, accident and loss arising from the assembly or interference of the persons not having the competency certificate.
• Use dry or slightly damp cloth to clean the buttons, cover and frame of the product. Never use alcohol, cologne, detergent or other similar chemicals for cleaning. Do not perform wet cleaning do not contact the product with water when the product is energized.
• In case the surface to which the product is connected is dyed, store the product by removing its cover and the frames.
• Keep the product away from the damp or wet environment during the transportation and shipping.
• It is intended for indoor use only.

⚠ Installation should only be carried out by a technical personnel having certificate of competency.

Service and Guarantee

• Warranty period starts as of the delivery date of the product and it is 2 years.
• Warranty covers the malfunctions likely to occur due to the manufacturing defects of the product and within the warranty period.
• The product including all of its parts is under waranty as a whole. If the product turns out to be defective, the consumer can use one of the following rights stipulated in Article 11 of Consumer Protection Law no. 6502;
a- Withdrawal from the contract
b- Demanding discount from sales fee
c- Demanding free repair,
d- Demanding the replacement of the sold one with a fungible one free from defects.
• In case the consumer chooses the right of free repair among those rights; the dealer is obliged to repair the product or have the product repaired without claiming any fee under the name of replaced part fee, labor cost or for any other reasons. The consumer can also use the right of free repair against the manufacturer or exporter. The dealer, manufacturer and exporter are jointly and severally liable for the usage of this right by the consumer.
• In case the consumer uses the right of free repair and if the product
- fails within the warranty period again and
- the maximum period required for the repair is exceeded and
- Authorized service station, dealer, manufacturer or exporter state that it's not possible to repair the product in a report, the consumer can demand the return of the product fee, fee discount at the ratio of the defect or the replacement with the one free of defects, if possible, from the dealer. The dealer can not reject the demand of the consumer. In case this demand is not met, the dealer, manufacturer and exporter shall jointly and severally be held responsible.
• The repair period of the product can not exceed 20 business days. This period starts on the notification of the failure on the product to the authorized service station or the dealer within the warranty period and from the date of delivery of the product to the authorized service station out of warranty period. In case of not eliminating the product malfunction within 10 business days, manufacturer or importer is obliged to dedicate another product with similar characteristics to the use of the consumer until the completion of the product repair. In case the product fails within the warranty period, elapsed time is added to the warranty period.
• Usage of the product contrary to the rules stipulated in user's manual, operating out of determined voltage, current and environmental conditions, damage on the cable connection due to the user's fault and failure of the product due to the facts arising from the fire, flood, earthquake, lightning and similar disasters are not under warranty.
• The consumer can apply to the arbitration committee for consumers or the consumer court where the consumer operations are made or in the residential area for the disputes to be occurred regarding the usage of the rights arising from the warranty.
• In case the dealer doesn't provide this certificate of warranty, the consumer can apply to the General Directorate of Consumer Protection and Market Surveillance of Ministry of Customs and Trade".