Panasonic

Building Automation Systems

KNX Input/Output Module

WRKT4200J5NC



GENERAL INFORMATION

Panasonic KNX I/O Module is an input and output device designed to fulfil the automation requirements of residential and commercial KNX projects. It comes with KNX Data Secure feature which assures secure data communication on twisted pair bus line for the compatible devices. Panasonic KNX I/O Module can be used to connect conventional switches and binary sensors (e.g. presence detector, card holder etc.) to the KNX bus. Feedback LEDs in conventional switches can also be connected, thanks to its configurable inputs which can be used to drive feedback LEDs as well. Panasonic KNX I/O Module has competent control features such as Lighting, Heating, Shutter and Fan Coil. The current status of the input and output signals can be visual zed on the device with its status LEDs. Signals can be manually overridden using the device's manual control button. Many complex configurations and various scenarios can be realized, thanks to the powerful auxiliary funct ons (i.e. logic, converter and sequence functions, etc.).

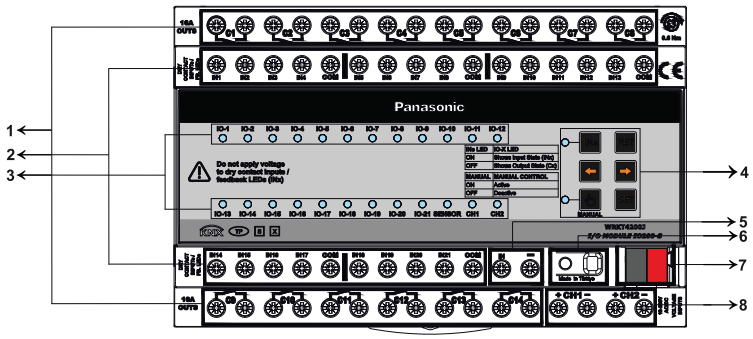
MAIN FEATURES

- KNX Data Security
- Manual Control
- Switching (Lighting / Heating)
- Shutter / Blind Control (AC / DC)
- Fan Coil (2 pipe / 4 pipe) Dry Contact Inputs (Switch-Sensor, Push Button, Card Holder, Feedback LED)
- Wide Range Voltage Inputs (10-230V)
- Aux liary Functions (Sequencer, Counter, Scene Actuator, Filter, Converter, Logic Gate, Presence Detector Controller, Staircase Controller)

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PRODUCT COMPONENTS

1. 16-A Output
2. Dry Contact Inputs
3. Status LEDs
4. Manual Operation Buttons
5. Sensor Input
6. KNX Programming Button and LED
7. KNX Bus Terminal
8. 10-230V AC/DC Inputs

TECHNICAL DATA

Power	
Operating voltage	DC 21-32 V (from KNX bus)
Current consumption	Max. 40mA
Environmental Conditions	
Ambient temperature	-5 C ...+45 C
Storage temperature	-10 C ... +55 C
Ambient humidity	5...93% (non-condensing)
Housing	
Dimensions (HxWxD)	90mmx143.8mmx65.8mm
Mounting (IEC60715)	35 mm top-hat rail (TH35)
Mounting width	DIN rail 144mm (8 modules)
KNX bus connection	KNX connector (243-211 Wago)
Input/Output connector	60x Screw Terminals
Weight	533,35 g
Input & Output	
Outputs	14ch 16A latching type relay
Inputs	21Ch dry contact input (Configurable as feedback LED) 2 Ch voltage input (10-230V AC/DC) 1Ch sensor input
Electrical safety	
Protection type (IEC60529)	IP 20
Pollution degree (IEC60664)	2
Protection class (IEC61140)	II
Overvoltage category (IEC60664)	III
CE Marking / Standard	
EMC	EN 60669-2-1
LVD	EN 60669-2-1
KNX	EN 50090

DIMENSIONS

