Connection

1. Physical Address Label
2. KNX programming button
3. KNX programming LED
4. KNX connection
5. Indicator LEDs
6. Manual control channel selection buttons
7. Manual control button
8. Manual control up/down, on/off button
9. Inputs

General Description

Device has 20 outputs which can be programmed via ETS4 or above. Outputs contain 5 independent outputs. (AB, CD, EF, GH, IJ) Operating method for each relay group can be configured as like below.

- Switching Output x4
- AC Blind x2
- DC Blind x1
- Two Point Valve x2
- Three Point Valve x2

Device has 18 independent Input Channels. Input Channels may operate the actions below as well as Universal Interface.

- Switching
- Dim Control
- Blind Control
- Value and Priority Sending
- Scene Control
- Pulse Counter

All of input configurations can be operated independently.

Operation and Indication Elements

-Programming LED[3]
Programming LED will be indicated if the programming button pressed. This button is used to download individual address to the device.
-Manual Control Channel Selection Buttons [6]
This button can be used to select relay or relay groups.
-Manual Control Button [7]
This button is used to switch to manual mode in device.
-Manual Control Up/Down, On/Off button [8]
This button is used to control the relay or relay groups.

Installation

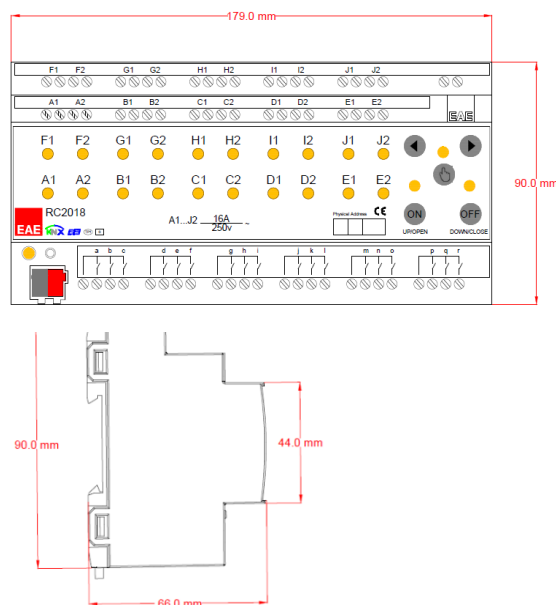Device is manufactured according to EN 60 715 standard. It is compatible with 35 mm DIN rail.

Cleaning

If device becomes dirty, only a dry cloth can be used for cleaning. It is not suitable to use wet cloths, caustics and solvents.

Technical Data

Type of protection	IP 20	EN 60 529
Safety Class	II	EN 61 140
Power Supply	21V… 30V DC, SELV	
Connections	Screw terminals	
	0,05…3,31 mm² solid and stranded wire	
	0,05…3,31 mm² stranded wire with ferrule	
	-0.8 Nm Max. Tightening torque	
	KNX Bus connection terminal	
Input	up to 18 channels independent	
Output	up to 20 channels / 5 groups	
	Switching voltage 277/440V AC; 50/60 Hz	
	Switching capacity 277 V AC 16A / AC 1	
	Fluorescent lighting load 16 AX/250 VAC EN 60 669-1	
Output Life	Mechanical life > 3 x 10^6	
Installation	35 mm mounting rail EN 60 715	
Temperature range	Ambient -5° C + 45° C	
	Storage -25° C + 55° C	
	Transport -25° C + 70° C	
Humidity	Max. Air humidity 95 % no moisture condensation	
Dimensions	66 x 179 x 90 mm h x L x W	
Weight	0.8 kg	
Box	Plastic, polycarbonate, color grey	
CE	In accordance with the EMC guideline and low voltage	

Technical Drawings

Commissioning

Device product file ".knxprod" must be imported to the ETS product catalog. Product file can be found in our website. www.eaetechnology.com
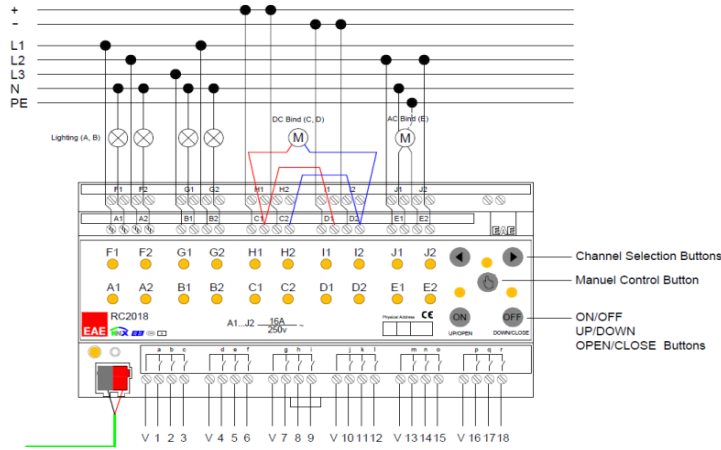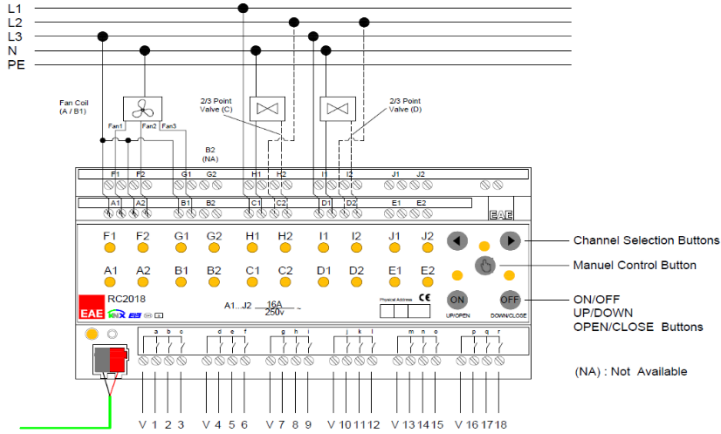Physical addressing and programming can be done ETS4 or higher.

ℹ️ A detailed information about parameter configuration can be found in Product Manual of device.

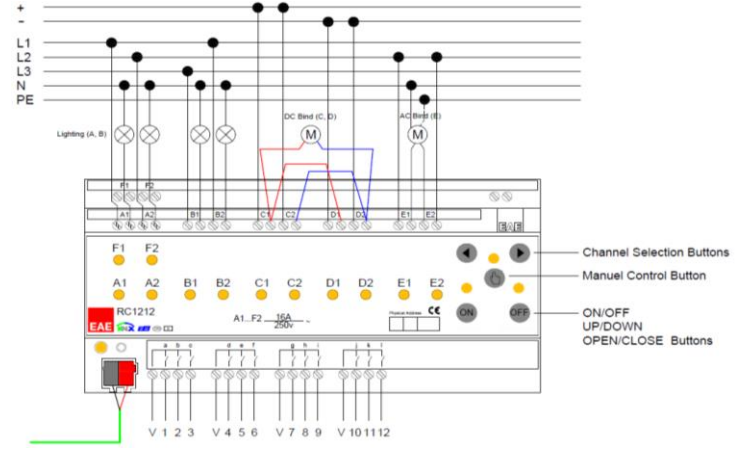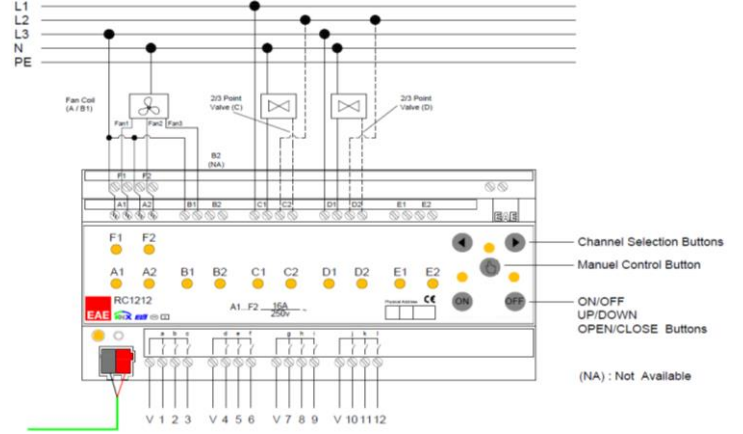❗ Installation and commissioning of device may only be implemented by trained electricians. The relevant standards, directives, regulations and instructions must be observed when planning and implementing the electrical installation.

- When connecting the device make sure that the device can be isolated!
- Protect the device against moisture, dirt and damage during transport, storage and operation!
- Do not operate the device out of the specified technical data which is stated.
- The device may only be operated in closed enclosures such as distribution boards.
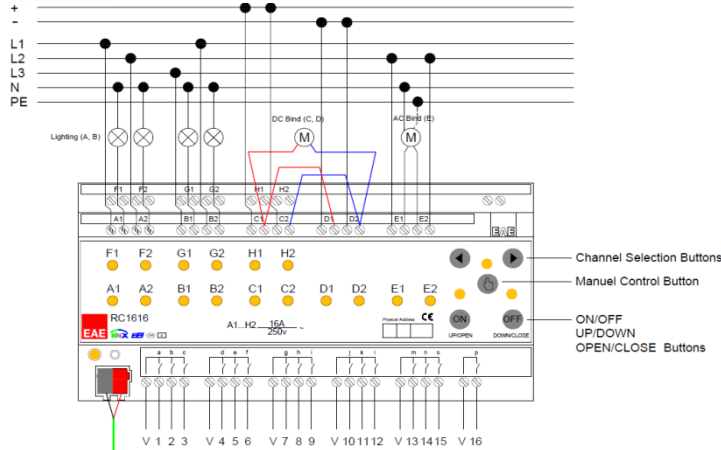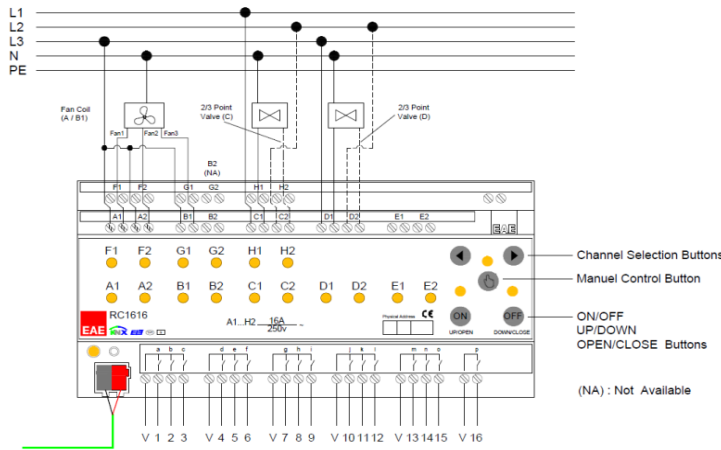
Room Control Unit 2018

Channel Selection Buttons
Manuel Control Button
ON/OFF
UP/DOWN
OPEN/CLOSE Buttons

(NA) : Not Available

Room Control Unit 1212

Channel Selection Buttons
Manuel Control Button
ON/OFF
UP/DOWN
OPEN/CLOSE Buttons

(NA) : Not Available

Room Control Unit 1616

Channel Selection Buttons
Manuel Control Button
ON/OFF
UP/DOWN
OPEN/CLOSE Buttons

(NA) : Not Available

Room Control Unit 0808

Channel Selection Buttons
Manuel Control Button
ON/OFF
UP/DOWN
OPEN/CLOSE Buttons

(NA) : Not Available

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