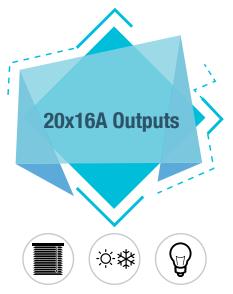
RCU2000 EAE KNX-ROOM CONTROL UNIT



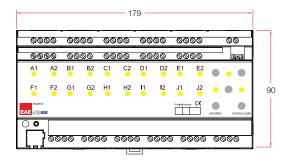


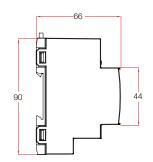
General Specifications

- Room Control Unit RCU2000 is designed as an all in one product for different room layouts such as apartments, hotel rooms, hospitals and residences.
- Room Control Unit covers all requirements of the electrical installation of room applications and offers following functions in a one product.
 - Switching lighting
 - Switching loads • Controlling fan coils (2 & 3 point valve)
- Controlling AC/DC blinds
- Dry contact inputs
- RCU2000 has 20x16A relay outputs. These outputs are grouped as 5 independent output channels. Each channel can be configured to have different modes of operation as follows,
 - Switching output x4
 - AC Blind x2 • 2 Point valve x2 3 point valve x1
- DC Blind x1
- Suitable for switching resistive, capacitive and inductive loads as well as fluorescent lamp loads according to EN 60 669. As a switch output device provides following function list,
 - Staircase
 - Threshold
- External logic • Operating hour
- Internal logic Sweep
- Priority

- Manual control is possible for each channel through the built-in button panel.
- 220V auxiliary power is not required.

Dimensions (mm)





Protection Type IP 20 EN 80529 Safety Class II EN 61140 Power supply Voltage 21V 30V DC, SELV Current consumption < 10 mA External supply - - Connections Screw terminals 0,054 mm² solid and stranded wire Max tightening torque 0,8 Nm Max tightening torque Max tightening torque 0.8 Nm Bus connect terminal Output Number 20 output Switching voltage 250V AC; 50/60 Hz Switching voltage > 1 x 10° Type of contact potential-free, bistable Input Number - Scanning voltage - Current - Cable length - Input 35mm mounting rail EN 60 715 Operating elements LED (red) and button For physical address Temperature range Ambient -25° C +45° C Storage -25° C +55° C Humidity max. air humidity 85 % no moisture condensation Dimensions 66 x W x 90mm						
Power supply Voltage Current consumption 21V 30V DC, SELV Current consumption External supply - - Connections Screw terminals 0,054 mm² solid and stranded wire 0,052,5 mm² stranded wire with ferrule Max tightening torque KNX 0,052,5 mm² stranded wire with ferrule 0.8 Nm Output Max tightening torque KNX 0.052,5 mm² stranded wire with ferrule 0.8 Nm Switching voltage 20 output Switching capacity 250V AC 16A / AC 1 Maximum switching power 4000 VA Mechanical life > 1 x 10° Type of contact potential-free, bistable Input Number - Scanning voltage - Current - Cable length - Installation 35mm mounting rail Operating elements LED (red) and button For physical address Temperature range Ambient -5° C + 45° C Storage -25° C +55° C Humidity max. air humidity 180 mm Dimensions 66 x W x 90mm 66 x W x 90mm Weight 0.65 kg <td< th=""><th>Protection Type</th><th>IP 20</th><th></th><th>EN 60529</th><th></th></td<>	Protection Type	IP 20		EN 60529		
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Technical Information

Ordering Information

Product Name	Product Code	Ordering Code	Package Information
RCU2018 EAE KNX Room Control Unit	SMP RC2018 EAE S-KNX	48024	1 Pcs.
RCU2000 EAE KNX Room Control Unit	SMP RC2000 EAE S-KNX	48027	1 Pcs.
RCU1616 EAE KNX Room Control Unit	SMP RC1616 EAE S-KNX	48029	1 Pcs.
RCU1600 EAE KNX Room Control Unit	SMP RC1600 EAE S-KNX	48028	1 Pcs.
RCU1212 EAE KNX Room Control Unit	SMP RC1212 EAE S-KNX	48013	1 Pcs.
RCU1200 EAE KNX Room Control Unit	SMP RC1200 EAE S-KNX	48014	1 Pcs.
RCU0808 EAE KNX Room Control Unit	SMP RC0808 EAE S-KNX	48012	1 Pcs.
RCU0800 EAE KNX Room Control Unit	SMP RC0800 EAE S-KNX	48011	1 Pcs.