

# RM 8 I KNX

Item no.: 4940215

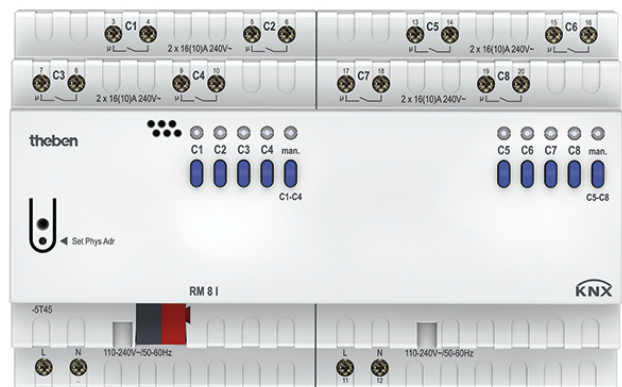


## KNX

### Actuators DIN rail and gateways

## Description

- 8-way C load switching actuator FIX2
- With current recognition
- For higher lamp loads
- LED switching status display for each channel
- Manual operation on device (even without bus connection)
- Adjustable characteristics: e.g. switching, delayed switching, pulse function
- Links, type of contact (NC contact/NO contact) and participation in central commands such as continuous On, continuous Off, central switching and save/call up scene
- Switching functions: On/Off, pulse, On/Off delay, staircase light with warning
- Logical links: e.g. lock, AND, release, OR



## Technical data

| RM 8 I KNX                                              |                                                                                                                                                        |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating voltage KNX                                   | Bus voltage, $\leq 4$ mA                                                                                                                               |
| Operating voltage                                       | 110 V AC - 240 V AC, 50 Hz - 60 Hz                                                                                                                     |
| Frequency                                               | 50 - 60 Hz                                                                                                                                             |
| Stand-by consumption                                    | $\sim 2.4$ W                                                                                                                                           |
| Installation type                                       | DIN rail                                                                                                                                               |
| Width                                                   | 8 modules                                                                                                                                              |
| Type of connection                                      | Terminal screws   Bus connection: KNX bus terminal                                                                                                     |
| Max. cable cross section                                | Solid wire: 0.5 mm <sup>2</sup> ( $\varnothing$ 0.8) to 6 mm <sup>2</sup><br>  Stranded wire with end sleeve: 0.5 mm <sup>2</sup> to 4 mm <sup>2</sup> |
| Number of channels                                      | 8                                                                                                                                                      |
| Type of contact                                         | NO contact, 16 A, 10 A                                                                                                                                 |
| Opening width                                           | $< 3$ mm                                                                                                                                               |
| Resistive load                                          | 3680 W                                                                                                                                                 |
| Capacitive load                                         | 200 $\mu$ F                                                                                                                                            |
| Incandescent/halogen lamp load                          | 2600 W                                                                                                                                                 |
| Fluorescent lamp load (conventional) parallel-corrected | 2000 W (200 $\mu$ F)                                                                                                                                   |

| RM 8 I KNX                                 |                                                                                                  |
|--------------------------------------------|--------------------------------------------------------------------------------------------------|
| Fluorescent lamp load (electronic ballast) | 1650 W                                                                                           |
| Energy saving lamps                        | 410 W                                                                                            |
| LED lamp $< 2$ W                           | 75 W                                                                                             |
| LED lamp 2-8 W                             | 850 W                                                                                            |
| LED lamp $> 8$ W                           | 850 W                                                                                            |
| Inrush current                             | max. 1500 A / 200 $\mu$ s                                                                        |
| Voltage output                             | 240 V AC                                                                                         |
| Switching output                           | Potential-free                                                                                   |
| Switching of various phases                | Possible                                                                                         |
| Suitable for SELV                          | Yes if all channels switch at SELV                                                               |
| Accuracy current measurement               | $I > 1$ A: $\pm 8$ % of measured value; $I < 1$ A: $\pm 100$ mA; lowest measurable value: 150 mA |
| C load                                     | $\checkmark$                                                                                     |
| Type                                       | Module FIX2                                                                                      |
| Ambient temperature                        | $-5^{\circ}\text{C} \dots 45^{\circ}\text{C}$                                                    |
| Type of protection                         | IP 20                                                                                            |
| Protection class                           | II according to EN 60 669                                                                        |

Subject to technical changes and misprints

additional information at: [www.theben.de/product/4940215](http://www.theben.de/product/4940215)

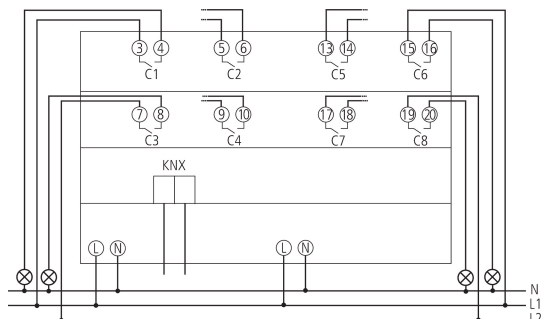
The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.

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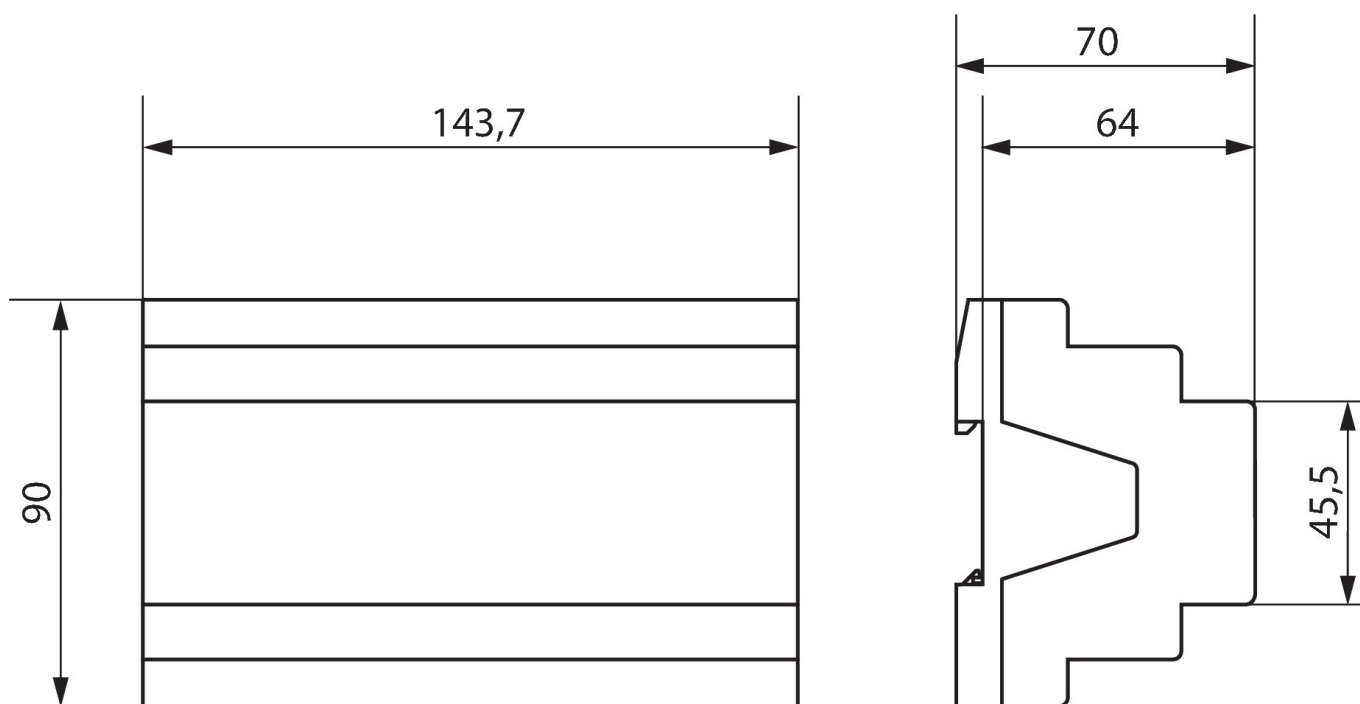
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## Connection example



## Scale drawings



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