

## Technical Data

<b>Power Supply</b>	Operation voltage	21~30V DC, via the KNX bus
	Current consumption, bus	<12mA
	Charging current, bus	<20mA
	Power consumption, bus	<360mW
<b>Connection</b>	KNX	Via bus connection terminals, Ø 0.8 mm
	Outputs	Screw terminals Wire Range 0.2-2.5mm <sup>2</sup> , Torque 0.4N-m (4/8-Fold) Wire Range 0.2-4mm <sup>2</sup> , Torque 0.8N-m (16/24-Fold)
<b>Operation/ Display</b>	Programming LED and button	For assignment of the physical address
	Green LED flashing	Indicate the application layer running normally
	Manual operation button	Switch output
	Output LED	Indicating output status
	Manual / auto button	Switch manual/automatic mode
	Manual / automatic LED	Indicates manual/auto mode status
<b>Protection</b>	IP 20, EN 60 529	
<b>Temperature range</b>	Operation	-5°C...+45°C
	Storage	-25°C...+55°C
	Transport	-25°C...+70°C
<b>Ambient conditions</b>	Rel. humidity	<93%, except dewing
<b>Design</b>	Modular installation device (MDRC)	
	Housing/color	Plastic, beige
	Installation	On 35mm DIN-Rail, To EN 60 715

<b>Dimension/Weight</b>	36mm×90mm×64mm (AMMA-04/06.1) / 0.15KG	
	72 mm×90mm×64mm (AMMA-08/10.1) / 0.2KG	
	216 mm×90mm×64mm (AMMA-16/10.1) / 0.6KG	
	216 mm×90mm×64mm (AMMA-24/10.1) / 0.7KG	
<b>Output</b>	Max. 24-Fold Switch Outputs / 12-Fold Shutter AC Outputs / 6-Fold Shutter DC Outputs / 6-Fold Fan Coil Outputs / 6-Fold Valve Outputs	Each Output can be configured separately
	U <sub>n</sub> Rated Voltage	230/277V AC (50/60Hz) , 30V DC
	I <sub>n</sub> Rated Current/capacity (AMMA-04/06.1)	6A/70uF (LED Max. Load 100W)
	I <sub>n</sub> Rated Current/capacity (AMMA-08/10.1)	10A/70uF (LED Max. Load 100W)
	I <sub>n</sub> Rated Current/capacity (AMMA-16/10.1)	10A/105uF (LED Max. Load 200W)
	I <sub>n</sub> Rated Current/capacity (AMMA-24/10.1)	10A/105uF (LED Max. Load 200W)
	Inrush current AMMA-04/06.1 (-08/10.1)	120A/10ms
	Inrush current AMMA-16/10.1 (-24/10.1)	300A/2ms
	Max. Switching Current AMMA-04/06.1 (-08/10.1)	16A/240V AC
	Max. Switching Current AMMA-16/10.1 (-24/10.1)	20A/250V AC
	Mechanical life	> 1 x 10 <sup>6</sup>
	Electrical life	>5 x10 <sup>4</sup>
	Min. applicable load (reference value)	100mA 5V DC

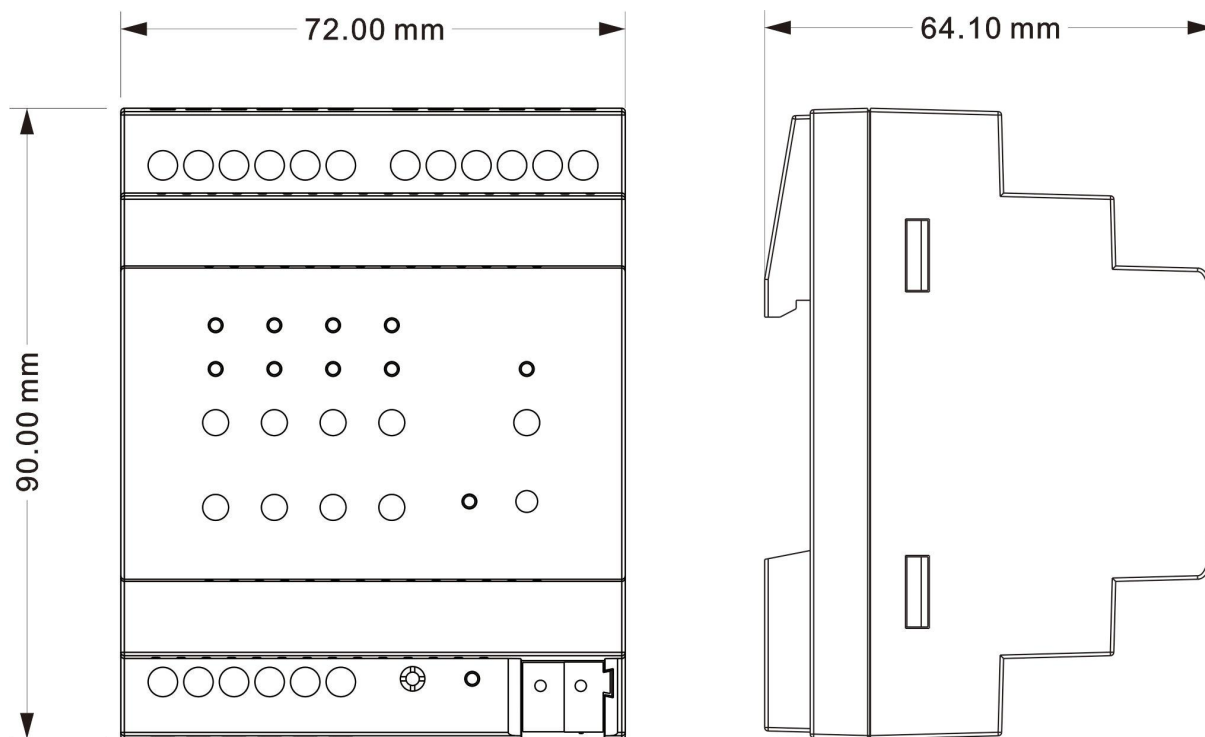
**Note: For the relay parameters, the above load is only for a single lamp. When multiple lamps are connected in parallel, the load can be reduced. Although the power is constant, the instantaneous inrush current will increase, which will easily melt the relay contacts. Therefore, in normal use, based on the measured current, the measured maximum inrush current must be within the allowable range.**

**Application program:**

Application program	Max. number of communication objects	Max. number of group addresses	Max. number of associations
Multifunctional Actuator, 4/8/16/24-Fold	532	1000	1000

**Dimension and Connection Diagram**

**Dimension diagram**



## Connection diagram

### AMMA-08/10.1

