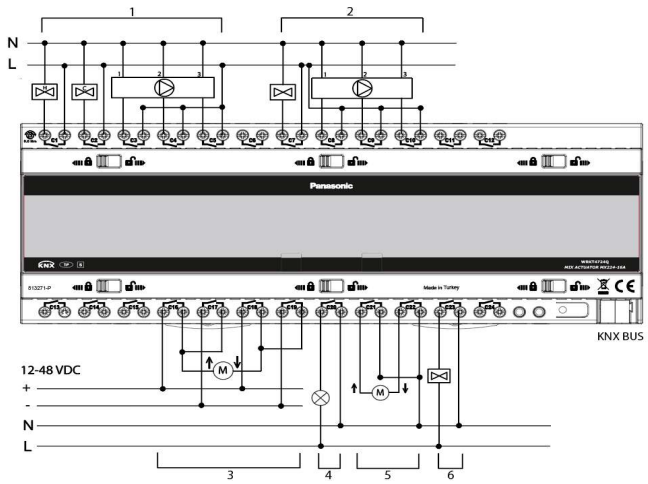
PRODUCT DATASHEET		Panasonic
Product Name :	*KNX MIX ACTUATOR*	
Product Code :	*WRKT4708J5NC: KNX MIX ACTUATOR MX208-16 A* *WRKT4712J5NC: KNX MIX ACTUATOR MX212-16 A* *WRKT4716Q5NC: KNX MIX ACTUATORMX216-16 A* *WRKT4720Q5NC: KNX MIX ACTUATOR MX220-16 A* *WRKT4724Q5NC: KNX MIX ACTUATOR MX224-16 A*	
Product Series :	Thea IQ	
Technical Specifications:		
Operating voltage	*DC 21-32 V (from KNX bus)*	
Current consumption (bus) / W/O switching	*< 5mA*	
Current consumption (bus) / switching	*< 12mA*	
Ambient temperature	*–5°C ... + 45 °C*	
Storage temperature	*–10 °C ... + 55 °C*	
Ambient humidity	*5…93% (non-condensing)*	
Main Features		

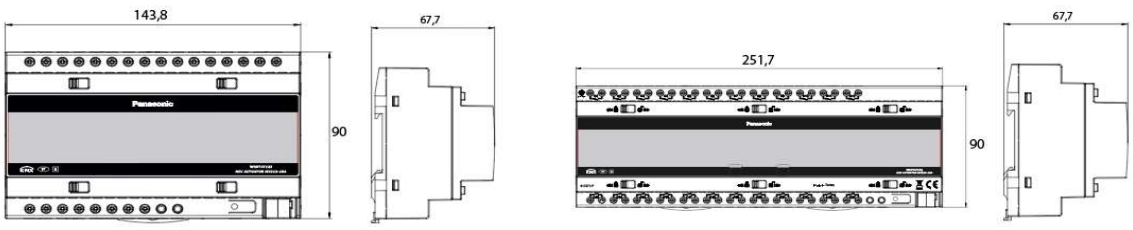
• Switching – Lighting
• Switching – Heating
• With Shutter/Blind feature you can control AC shutters as well as DC shutter.
• With Fan coil feature you can control 2 pipe and 4 pipe systems up to 6 fan levels.
• The device is powered via KNX bus and does not require an additional auxiliary voltage supply.
• 24 auxiliary functions. The type of each function can be selected from 14 different types (Sequencer, Counter, Scene actuator, Filter, Converter, Logic gate, Presence detector, controller, Staircase controller …).

Wiring Diagram:

1. Fan Coil 4-pipe (Heating and Cooling): Outputs 1 to 5 are used for fan coil. Output 1 is used for heating valve, output 2 is used for cooling valve, outputs 3, 4 and 5 are used for fan levels.
2. Fan Coil 2-pipe (Heating or Cooling): Outputs 6 to 9 are used for fan coil. Output 6 is used for heating or cooling valve, outputs 7, 8 and 9 are used for fan levels.
3. Shutter/Blind DC: Outputs 16 to 19 are used for shutter/blind DC connection.
(!) To avoid short circuit, make sure that the ETS configuration of the channels which connected to the DC motor are done correctly.
(!) Fuse or short circuit protection should be used with DC power supply.
4. Switching – Lighting: Output 20 is used for switching – lighting function.
5. Shutter/Blind AC: Outputs 21 and 22 are used for shutter/blind AC connection.
6. Switching - Heating: Output 23 is used for heating function.



Dimensions:



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