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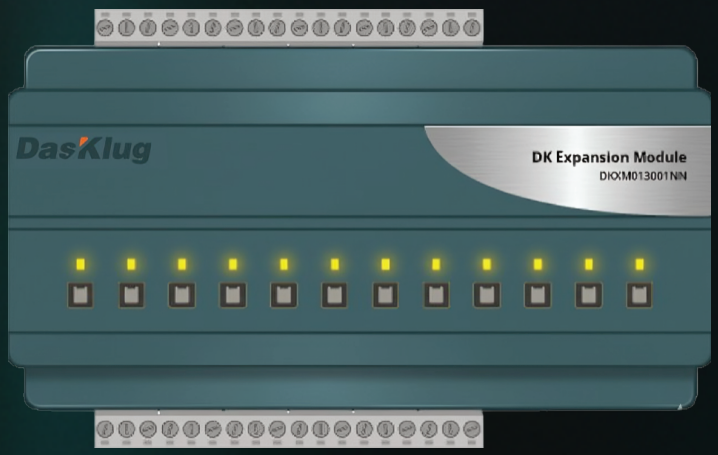


DKXM013001NN

Expansion I/O Module

Data Sheet

Technical specification

A. General Specification

Characteristics	Details
Operating Voltage	DC 12V
Inputs	7x Analog input 8x Digital inputs 1x Temperature input (DS18B20 multiple sensors)
Outputs	12x Relays - (Normally Open & Close NO/NC) - Max: 10A each 2x Actuator analog interface for Thermostat IR Emitter AUX interface 3.5mm Jack
Programming method	DasKlug Utility Tool
Communication	With DasKlug Controller
USB Connectivity	Programming/Flashing (No Power delivery for programming (Not intended to drive external high-power peripherals)
communication	RS-485

B. Communication

Interfaces	Type	Protocols / Technology supported
Rs-485	Half-duplex without termination resistance	MODBUS RTU

C. Inputs

Characteristics	Details
Number of Inputs	7 Analog input (2,13,15,26,27,35,34)
	1 Temperature sensor input (14)
	8 channel digital dry contact inputs
	S1: Reset button
	S2: Download button
Inputs overvoltage protection	yes
Anti polarity protection	yes

D. Outputs

Characteristics	Details
Number of outputs	Outputs 12 Digital Outputs (relay1 - relay12)
	Every channel has “COM, NC, NO”
	RGB LED
	2x Actuators Analog voltage 0 – 5V or 0 – 10V
	IR Emiter AUX interface
Max current per relay	277VAC 10A OR 125VAC 12A
Rated voltage of relay	277VAC

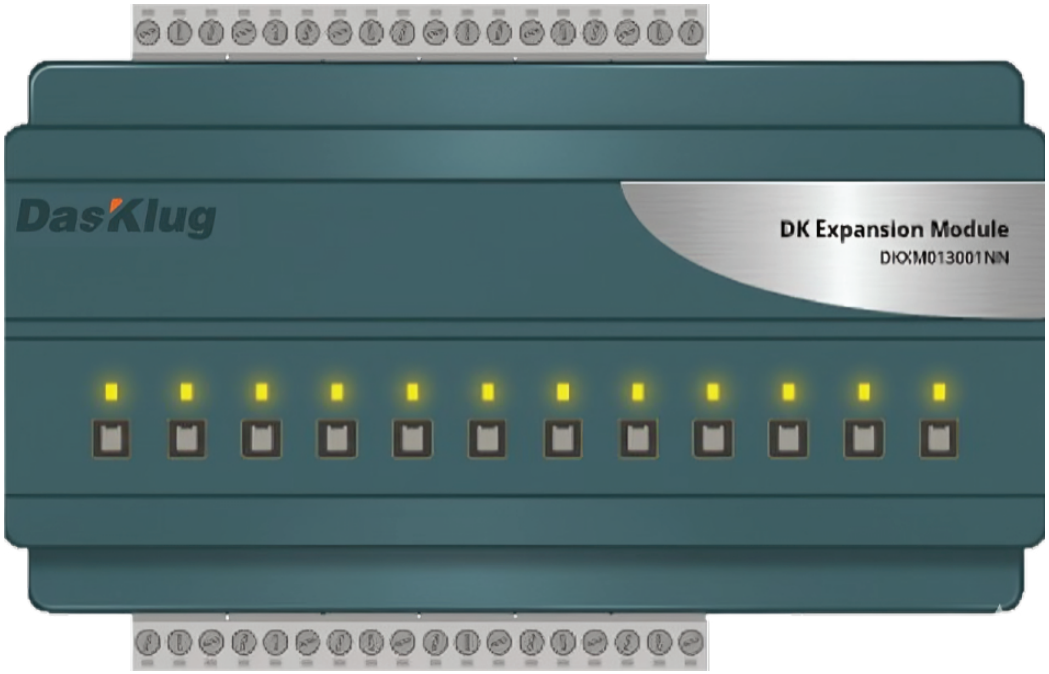
Functions

- 16 - channel relay output unit.
- Scene control and sequence control.
- Multiple scenes for each zone.
- Light protection delay for each channel (0-60 minutes)
- Mass turn-on delay for each channel (0-25 seconds)
- Scenes power off automatically when device restarts.
- OTA upgrade.

Product information

- Connect to load.
- Direct connection switch.
- Programming button & module indicator.
- Indicators provide device working mode information .

Product Image



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All performance values are based on internal testing under standard conditions. Actual results may vary depending on installation environment, integration methods, firmware versions, third-party systems, and user configurations.

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