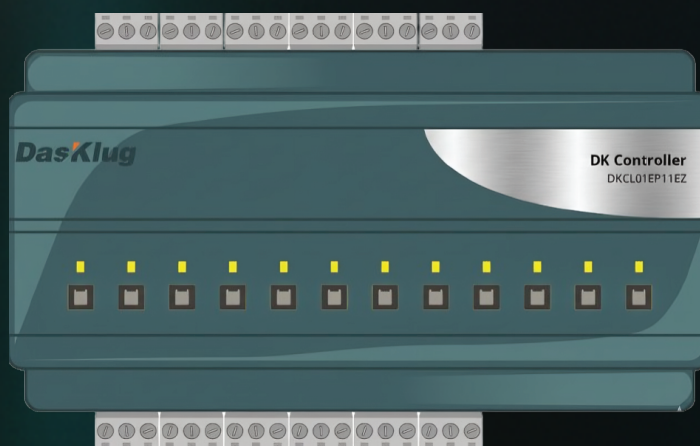


DasKlug

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HEROApps



DKCL01EP11EZ

DK Controller

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 and OTA via Dasklug CMS
Communication	Via Dasklug CMS
USB Connectivity	Programming/Flashing (No Power delivery for programming (Not intended to drive external high-power peripherals)
communication	Ethernet, RS-485,Wi-Fi@2.4 GHz and Bluetooth®

B. Communication

Interfaces	Type	Protocols / Technology supported
Ethernet	10/100BASE-T Port	TCP/IP
Rs-485	Half-duplex without termination resistance	MODBUS RTU
Wireless connectivity Wi-Fi®	2.4 GHz	Wireless connectivity
Bluetooth ®	Bluetooth V4.2 BR/EDR and Bluetooth LE	Class-1, class-2 and class-3 transmitter

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 Emitter AUX interface
Max current per relay	277VAC 10A OR 125VAC 12A
Rated voltage of relay	277VAC

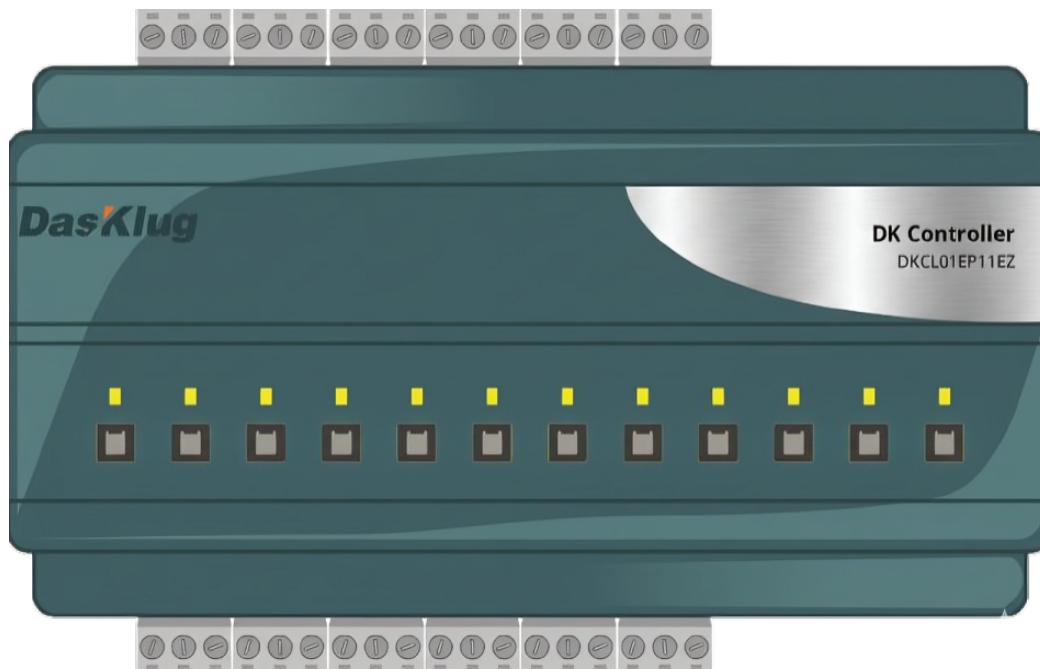
Functions

- 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





Disclaimer

The information, specifications, and illustrations contained in this document are provided for reference purposes only and are subject to change without prior notice. DasKlug reserves the right to modify product design, features, technical data, or functionality at any time as part of continuous improvement efforts, without any obligation to update previously issued documentation.

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.

DasKlug products must be installed, configured, and operated by qualified professionals in accordance with local electrical, safety, and regulatory standards. Improper installation or unauthorized modification may void product warranties.