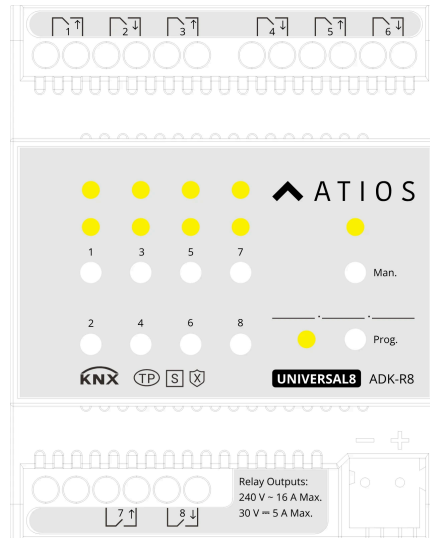


## Atios Universal8 ADK-R8 Datasheet



### TECHNICAL SPECIFICATIONS

KNX bus	21–30 V DC via the KNX bus, <10 mA at 24 V, <270 mW
Outputs	Max. 8 switch / 4 shutter AC / 2 shutter DC / 2 fan coil / 2 valve outputs, freely mixable
Terminals	KNX bus terminals; screw output terminals 0.2–2.5 mm <sup>2</sup> , 0.4 N·m
Relay rating (AC)	240 V AC, max. 16 A
Relay rating (DC)	30 V DC, max. 5 A
Relay life	Mechanical >1 × 10 <sup>6</sup> , electrical (resistive) >5 × 10 <sup>4</sup>
KNX Secure	Supported; configured via ETS5 or higher
Operation	8 channel buttons + Manual/Auto + Prog buttons; matching status LEDs
Protection	IP 20, EN 60 529
Ambient temperature	–5 °C to +45 °C (operation), –25 °C to +55 °C (storage)
Mechanical	MDRC, 35 mm DIN rail (EN 60 715), 72 × 90 × 64 mm, 0.30 kg
Certifications	CE, RoHS, KNX Secure certified, ISO 9001:2015

### APPLICATION AREA AND FEATURES

- Universal KNX actuator with 8 freely configurable output channels for switch, shutter (AC/DC), fan coil, or valve control.
- KNX Secure capable, configured via ETS5 or higher.
- Switch outputs: time functions (on/off delay, flashing, staircase lighting), 8 scenes, logic (AND, OR, XOR, GATE), status response, forced operation, operation-hours counter.
- Shutter AC/DC outputs: up/down, position 0–100%, louvre adjustment, 8 scenes, automatic sun protection, safety function, two modes (Venetian Blind / Shutter).
- Fan coil outputs: up to 3-level fan speed, step-switch and steering-switch modes, automatic, manual and forced operation.
- Valve outputs: continuous (3-point), PWM and 2-point switching; valve-curve correction and automatic cleaning for continuous valves.
- Manual operation buttons on the device for commissioning and engineering debugging.
- Configurable behavior on bus voltage failure and recovery.
- Powered directly via the KNX bus, no additional supply voltage required.

