

JAL-0410.02

KNX Shutter Actuator 4-channel, 4 SU MDRC, 8 A, 230 V AC



Product description:

The Shutter Actuator JAL is equipped with numerous additional functions and can do more than just raise and lower the blind or a shutter. The position of the sun, for example, is continuously calculated to shade when necessary. The extensive blocking functions provide lock-out protection or raise the sun shades for window cleaning. Suitable for 230 V AC motors.

Product functions:

- with sun position calculation
- **Comprehensive application**
- Manual mode blockable and LED indicator per channel
- Operation mode for shutter/blinds
- **Practice-oriented ventilation function (window opened/tilted)**
- **Automatic sun shading/slat tracking based on sun position calculation**
- Travel-, pause- and step time selectable
- Separately selectable travel time for up/down
- Tip operation for exact positioning
- Extended 1 Bit automatic position and scene functions
- 1 Byte value for absolute positioning of height and slats
- Alarm-, central- and locking function
- Behaviour after alarm and lock separately selectable
- Behaviour on Bus power failure/reset selectable
- Two L-connections each internally bridged
- Fast application download (long frame support as of ETS 5)

Technical data:

Device	Device type	JAL Jalousie Actuator
	Article Number	JAL-0410.02
	EAN / GTIN	4251916130602
	Installation width	4 SU / 72 mm
	Dimensions (H x W x D)	90 x 72 x 65 mm
	Weight, gross (incl. packaging)	0.276 kg
	Protection classification	IP20
	Installation type	MDRC, DIN rail 35 mm
	Installation position	any
	Weight, net	0.248 kg
Performance data	Nominal voltage U_n	230 V AC
	Nominal current I_n (per output)	8 A
	Nominal frequency	50/60 Hz
	Relay type	monostable
	Mech. switching frequency	1.000.000
	Power dissipation of the device, typical	≤ 4 W
Outputs	Number of outputs	4
	Maximum motor power per channel	300 W
KNX	Nominal voltage KNX	30 V DC SELV
	Voltage range KNX	21 ... 31 V DC SELV
	Typical power consumption KNX bus	$< 0,15$ W
	KNX Medium	TP-256 with long frame support
	KNX Application	as of ETS 4
	Auxiliary voltage	230 V AC
	Power consumption auxiliary voltage	$< 0,3$ W
Environmental conditions	Ambient operating temperature	0 ... 45 °C
	Storage	-20 ... +55 °C
	Humidity	< 95 %
	Condensation permissible	No
Connections	Connection type	Screw terminal with slotted head
	Conductor cross section 1 x	0,5 ... 2,5 mm ²
	Screw terminal tightening torque	0.5 Nm
	KNX connection type	KNX terminal
	KNX cable cross section	0.6 ... 0.8 mm, solid conductor

Wiring diagram:

