finder
SWITCH TO THE FUTURE

# KNX Switching actuator 3 and 6 channel



- Lighting
- HVAC
- Panels for electrical distribution
- Building and house automation

19
SERIES

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**Switching actuator with KNX technology - 16 A**

**Type 19.3K.9.030.4300**

- 6 relays for 3 roller shutters
- Logically interlocked outputs
- Slats management (3 different types)

**Type 19.6K.9.030.4300**

- Compact and powerful switching actuator with 6 relay outputs
- 6 output contacts rated 16 A 250 V AC, individually configurable NO or NC
- Time functions (ON, OFF, Blink, Staircase)
- Independent logic and analog functions for each output (AND, OR, XOR, THRESHOLD, WINDOW)

- LED status indicator for each output
- Scenario Management
- Output control area for manual control
- Supply voltage via KNX bus
- 35 mm rail (EN 60715) mounting

19.3K/19.6K
Screw terminal



KNX terminal



For outline drawing see page 4

NEW **19.3K.9.030.4300**



- Bistable relay ENEC approved (Maximum peak current up to 120 A)
- Suitable for up to 3 roller shutters
- Slats management

**19.6K.9.030.4300**



- Bistable relay ENEC approved (Maximum peak current up to 120 A)
- Suitable for lamp loads

| | | | |
|---|---|---|---|
| **Contact specification** | | | |
| Contact configuration (via ETS) | V AC | NO - NC | NO - NC |
| Rated current/Maximum peak current | A | 16/120 (5 ms) | 16/120 (5 ms) |
| Rated voltage/ Maximum switching voltage | V | 250/400 | 250/400 |
| Rated load AC1 | VA | 4000 | 4000 |
| Rated load AC15 (230 V AC) | VA | 750 | 750 |
| Single phase motor rating (230 V AC) | kW | 0.55 | 0.55 |
| Nominal lamp rating (230 V): | | | |
| incandescent/halogen | W | 2000 | 2000 |
| fluorescent lamp with electronic ballast | W | 1000 | 1000 |
| fluorescent lamp with electromagnetic ballast | W | 750 | 750 |
| CFL | W | 400 | 400 |
| LED 230 V | W | 400 | 400 |
| halogen or LV LED with electronic ballast | W | 400 | 400 |
| halogen or LV LED with electromagnetic ballast | W | 800 | 800 |
| Standard contact material | | $AgSnO_2$ | $AgSnO_2$ |
| **Supply specification** | | | |
| Type of BUS | | KNX | KNX |
| Supply voltage | V DC | 30 | 30 |
| Nominal consumption | mA | 15 | 15 |
| **Technical data** | | | |
| Mechanical life | cycles | $10 \cdot 10^6$ | $10 \cdot 10^6$ |
| Electrical life at rated load AC1 | cycles | $100 \cdot 10^3$ | $100 \cdot 10^3$ |
| Ambient temperature range | °C | –5…+45 | –5…+45 |
| Protection category | | IP 20 | IP 20 |
| **Approvals** (according to type) | | CE UKCA | CE UKCA |

# 19 SERIES
# KNX Switching actuator - 3 and 6 channel

## Ordering information

Example: 19 series, KNX switching actuator, 6 poles 16 A.

| 1 9 | . | 6 | K | . | 9 | . | 0 3 0 | . | 4 | 3 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Series**

**Type**
3K = KNX roller shutters actuator, 3 channels 16 A
6K = KNX generic loads actuator, 6 poles 16 A

**Supply version**
9 = DC

**Supply voltage**
030 = KNX Bus

**Contact circuit**
3 = NO (ETS configurable)

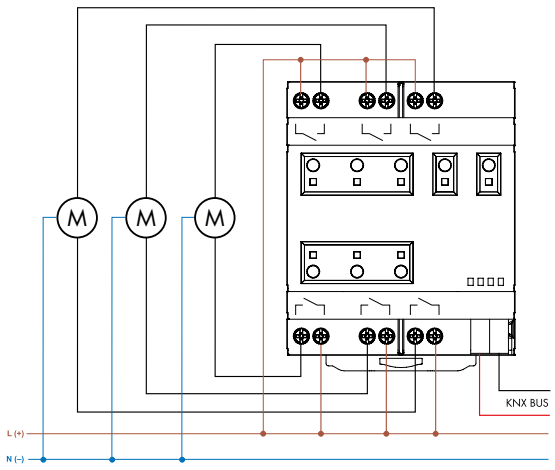
**Contact material**
4 = $AgSnO_2$

## Technical data

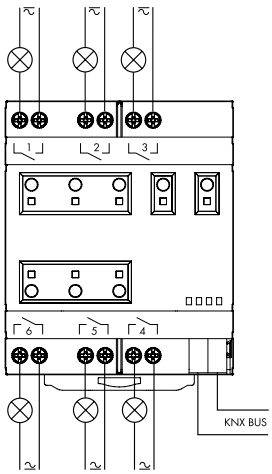
| **Terminals** | | | |
|---|---|---|---|
| Screw torque | Nm | 0.5 | |
| Max. wire size | | solid cable | stranded cable |
| | $mm^2$ | 1 x 6 / 2 x 2.5 | 1 x 4 / 2 x 1.5 |
| | AWG | 1 x 10 / 2 x 14 | 1 x 12 / 2 x 16 |
| Wire strip length | mm | 7 | |

## Wiring diagram

Type 19.3K




Type 19.6K



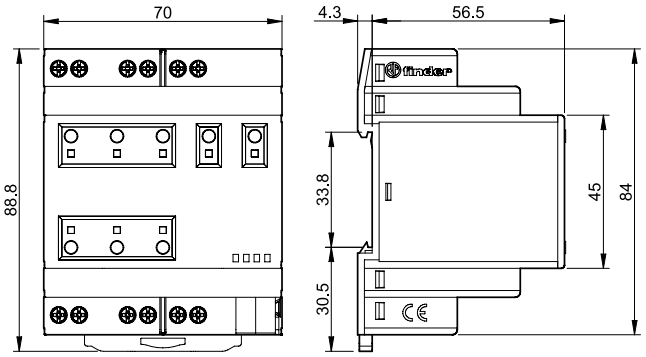

## Outline drawings

Type 19.3K/ 19.6K
Screw terminal

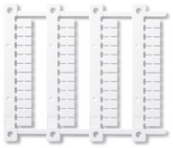


KNX terminal






## Accessories



060.48

| | |
|---|---|
| **Sheet of marker tags (CEMBRE Thermal transfer printers)** for 19.3K/6K types (48 tags), 6 x 12 mm | 060.48 |



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