finder
RELAYING INNOVATION

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
Box clamp



KNX terminal



For outline drawing see page 4

	19.3K.9.030.4300	19.6K.9.030.4300
		
	• Bistable relay ENEC approved (Maximum peak current up to 120 A) • Suitable for up to 3 roller shutters • Slats management	• 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)

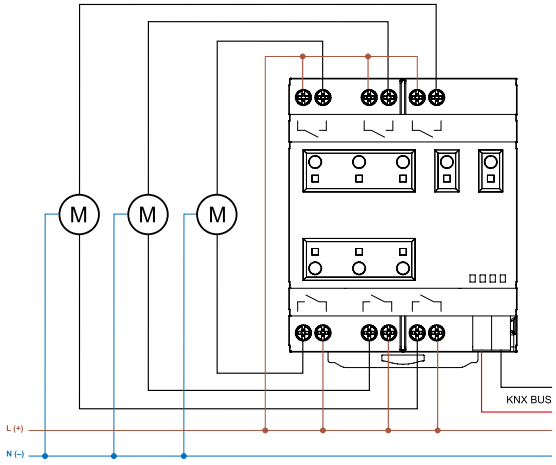
Contact material
4 = $AgSnO_2$

Technical data

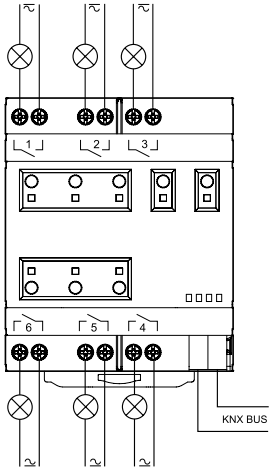
Terminals		19.3K		19.6K	
Max. wire size		solid cable	stranded cable	solid cable	stranded cable
	mm^2	1 x 6 / 2 x 2.5	1 x 4 / 2 x 1.5	1 x 4 / 2 x 2.5	1 x 4 / 2 x 2.5
	AWG	1 x 10 / 2 x 14	1 x 12 / 2 x 16	1 x 12 / 2 x 14	1 x 12 / 2 x 14
Screw torque	Nm	0.5			
Wire strip length	mm	7			

Wiring diagram

Type 19.3K



Type 19.6K



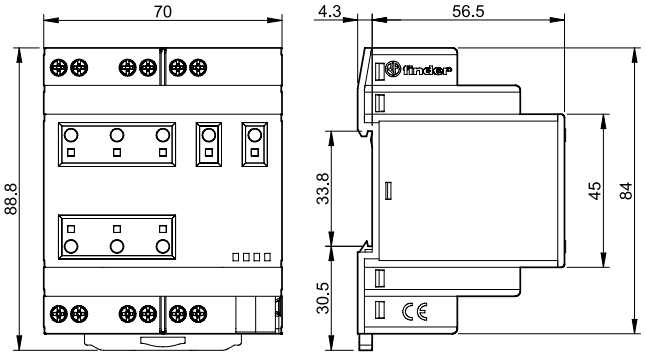
Outline drawings

Type 19.3K/19.6K
Box clamp

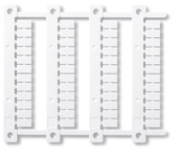


KNX terminal





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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