

# Splashproof roll-down shutter switch 10 AX/250 Vac, mechanically locked and galvanically isolated, with plug-in terminals, black

761-35905

4 year warranty

This roll-down shutter switch is galvanically isolated and is equipped with two plates to switch the electric motor in either direction. On the left-hand key, the word 'stop' is imprinted at the top and the word 'start' is imprinted at the bottom. On the right-hand key, an upward-pointing arrow is imprinted at the top and a downward-pointing arrow is imprinted at the bottom. The switch is to be mounted in a splashproof mounting box. The entire unit is splashproof which makes it extremely well-suited for use in damp areas and in ammonia-rich environments. Colour combination: black.

Wires that remain fixed:

- wire is fixed firmly due to the high-quality plug-in terminal with a long life span, tested according to the norm
- since the conductor release on the mechanisms is located at the front, the wiring cannot push on the release when you place it in the box

Faster and easier installation:

- all connections terminals are located at the top of the base:
  - to ensure all wires can be cut and stripped at the same length
  - to guarantee more space under the mechanism, so you can easily fold the wires and place the mechanism in the box without the wiring pushing it back up.

Niko quality:

- long life span since the plug-in terminal stays within the limits of the norm during a temperature and power drop

## Technical data

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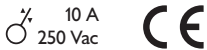
- Function: – switch
  - block-shaped silver contacts (cadmium-free) in the form of a cross
- Maximum MCB rating: 16 A (limited by national installation rules)
- Colour: The base material is mass-dyed, black (RAL 9005)
- Colour combination: black
- Sealing: The cover has an integral closure and is hermetically sealed onto the appropriate box.
- Print: Two keys with 'start', 'stop' and two arrows indelibly imprinted. On the left key, 'stop' is indicated at the top, 'start' at the bottom. On the right key, an arrow pointing upwards is indicated at the top, an arrow pointing downward at the bottom.
- Number of mechanisms: 1
- Material base
  - ureumformaldehyde (UF) with high heat resistance
  - white RAL9010 (approximately)
- Material finishing: The switch/push button is made of impact-resistant, dust-resistant, halogen-free and



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self-extinguishing polypropylene (UL94-V2/1.6 mm). The control button is made of rigid ABS.

- Wire connection
  - contact buses fitted with plug-in terminals for clamping the wires
  - manual release or release with a screwdriver from the front side
- Wire capacity
  - up to  $2 \times 2.5 \text{ mm}^2$  wire per terminal
- Cable space
  - 21.9 mm wiring space under the mechanism
  - mechanism is held by 2 laterally positioned holders in the box
  - a snap connector holds the wired mechanism in place
- Stripping length
  - 12 mm stripping length
  - indelibly indicated at the rear side: stripping length and wiring diagram
  - indelibly indicated at the front side: terminals and switch symbol
- Lighting element
  - the base is provided with 2 rectangular recesses for a lighting unit
  - left recess (front view): a lighting unit with wires can be clicked in
- Surface-mounting box: The function is designed to be mounted in a splashproof mounting box. The function has an integral closure and is hermetically sealed onto the appropriate box (to be ordered separately).
- Chemical resistance: tested and approved for use in environments with ammonia levels up to 20 ppm
- Ambient temperature:  $-25 - +55 \text{ }^{\circ}\text{C}$
- Protection degree: IP55 for the combination of a function and a splashproof mounting box
- Impact resistance: The combination of a Hydro mechanism and a flush- or surface-mounting box has an impact resistance of IK07 with a minimum temperature of  $-25 \text{ }^{\circ}\text{C}$  and a maximum temperature of  $55 \text{ }^{\circ}\text{C}$
- Certification marks: KEMA, SEMKO, VDE, DEMKO, NF, ÖVE, CEBEC
- Marking: CE



### Wiring diagram

