

Staircase Switches Ex9SS



- Installation Staircase Switches
- Rated operating voltage 230 V AC
- Time adjustment range from 0.5 to 10 min.
- Manual control switch on the front side
- Basic and programmable version
- 3-wire or 4-wire connection

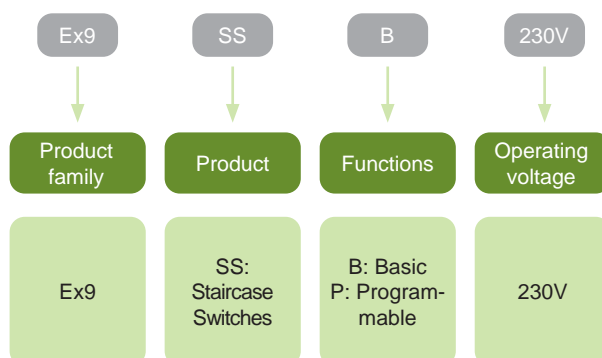
Installation Staircase Switches Ex9SS are suitable mainly for light switching in many various residential, office and industrial applications, e.g. lighting of staircases or entrance areas.

Their AUTO switching time can be adjusted up to 10 minutes using rotary switch on the front side, or they can be manually switched in ON/OFF states by the another rotary switch.

Programmable Installation Staircase Switches Ex9SSP have the same use as Ex9SSB, but with additional functions:

- a - Staircase automat with delayed return and signaling before switching off by two flashes of light
- b - Programmable staircase automat with delayed return and signaling before switching off by two flashes of light. Programmable delay is enabling time prolongation by number of button pressing, e.g. if the set period is 5 min and you press button 3 times, the time period of switch ON will be 15 min. Reset of this period can be done by pressing the button for more than 2 sec.

Type Key



Certification marks



Staircase Switches Ex9SS

Basic version

- Time adjustment range from 0.5 to 10 minutes
- Manual control switch
- Functions ON / OFF / AUTO
- Timing can be terminated by long pressing the control button (> 2sec) - AUTO function
- Possibility to connect control buttons with glow lamps (max. 100mA)



Operating voltage U _e	Contacts	Functions	Article No.	Type	Packing
230 V AC	1 CO	Basic	110558	Ex9SSB 230V	1

Programmable version

- Time adjustment range from 0.5 to 10 minutes per press on program
- Manual control switch
- Additional programming functions „a“ and „b“
 - a - Staircase automat with delayed return and signaling before switching off by two flashes of light
 - b - Programmable staircase automat with delayed return and signaling before switching off by two flashes of light. Programmable delay is enabling time prolongation by number of button pressing, e.g. if the set period is 5 min and you press button 3 times, the time period of switch ON will be 15 min.
- Possibility to switch off before time (reset) by long pressing of button (>2sec)
- Possibility to connect control buttons with glow lamps (max. 100mA)



Operating voltage U _e	Contacts	Functions	Article No.	Type	Packing
230 V AC	1 NO	Programmable	110559	Ex9SSP 230V	1

Technical Data Ex9SS

Staircase Switches

General parameters

Time adjustment range from 0.5 to 10 minutes
Manual control switch on the front side
Basic and programmable version
Automatic recognition of 3 or 4-line connection

Electrical parameters

	Ex9SSB	Ex9SSP
Functions	ON / OFF / AUTO	ON / OFF / a / b
Tested according to	EN 60669-2-3, EN 61010-1	
Rated operating voltage U_e	230 V AC	
Operating voltage tolerance	200 — 253 V AC	
Rated frequency f	50/60 Hz	
Rated current I_e	16A / AC1	
Max. power input	3 VA / 1.6 W	
Power consumption	≤ 4 VA	
Supply indication	green LED	
Switch contact	1 CO	1 NO
Adjustment range	0.5 — 10 min	
Time setting	potenciometr	
Time deviation	5 % - mechanical setting	
Repeat accuracy	5 % - set value stability	
Breaking capacity	4000 VA / AC1, 384 W / DC	
Inrush current	30 A / < 3 s	
Switching voltage	250 V AC1 / 24 V DC	
Output indication	red LED	
Electrical life (AC1)	70 000 operation cycles	
Max. control power input	4.5 VA / 0.3 W	
Glow tube connections	yes	
Max. current of connected glow lamps	100 mA	
Impulse length	min. 40 ms / max. unlimited	
Reset time	max. 320 ms	

Mechanical parameters

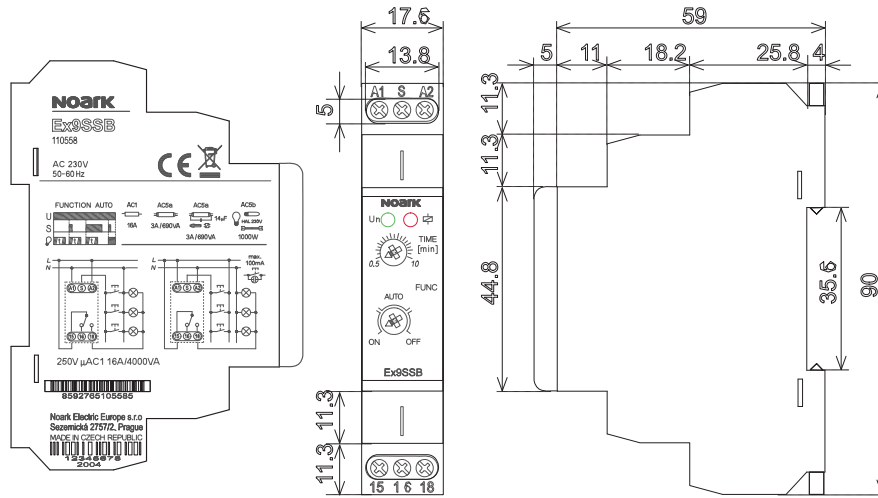
Device width	17.6 mm
Device height	90 mm
Frame size	45 mm
Mounting	onto 35 mm device rail (DIN)
Mounting position	any
Degree of protection	IP20
Terminals	screw terminals
Terminal capacity	1 — 2.5 mm ²
Fastening torque of terminals	0.8 Nm
Mechanical life	10 000 000 operation cycles
Ambient temperature	-20°C — +55°C
Overvoltage category	III
Installation class	II
Pollution degree	2
Weight	0.056 kg

Technical Data Ex9SS

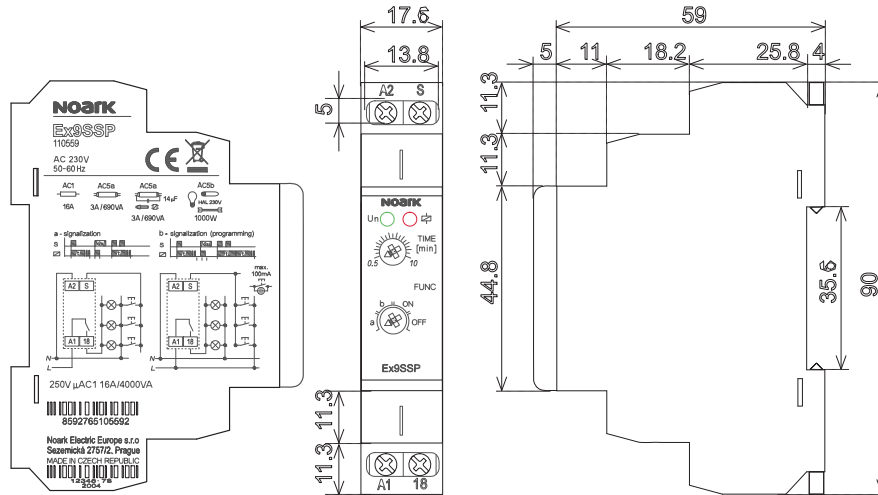
Staircase Switches

Dimensions

Ex9SSB

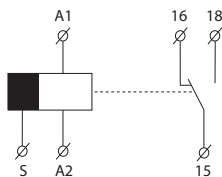


Ex9SSP

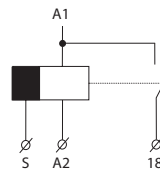


Wiring diagrams

Ex9SSB



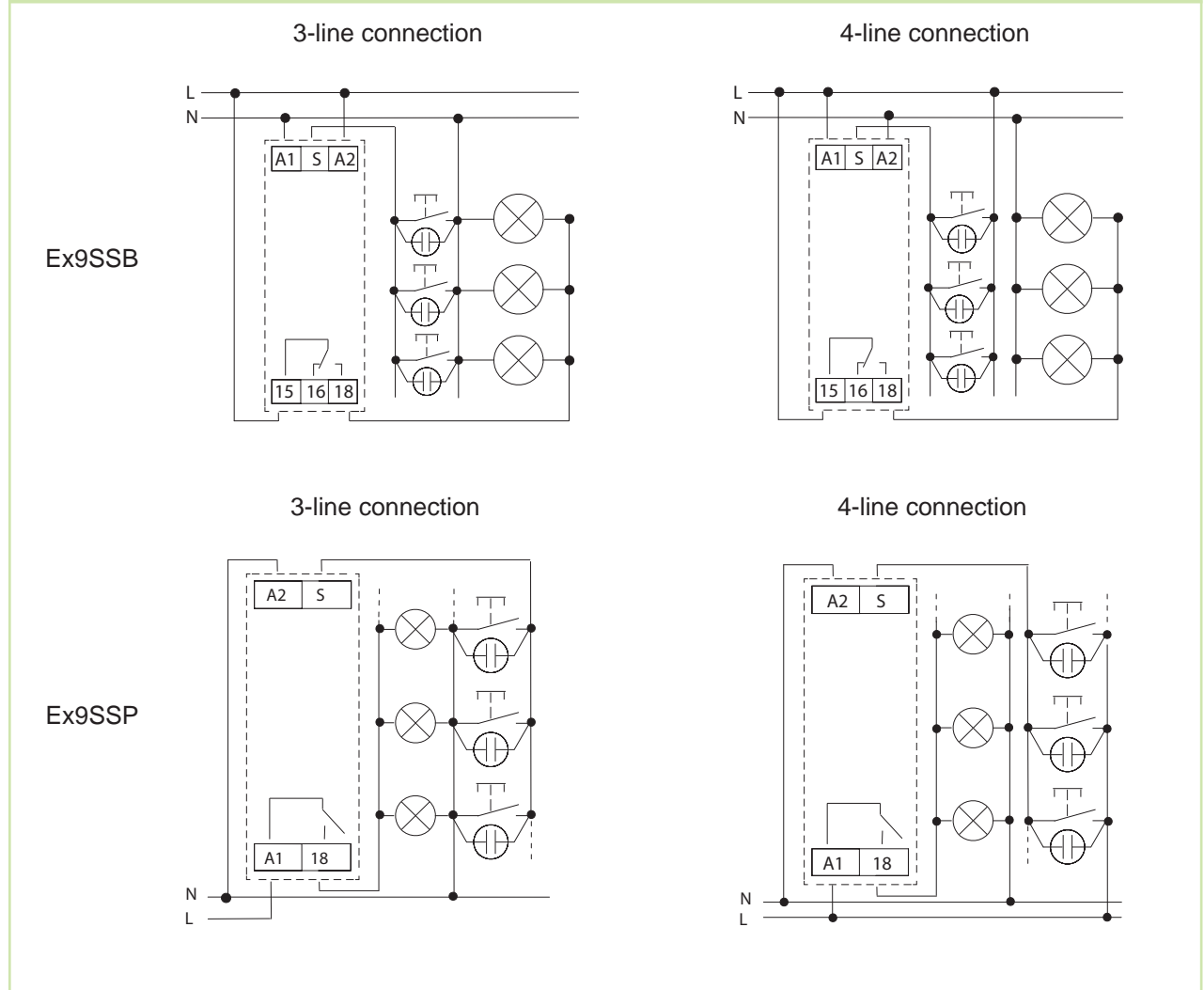
Ex9SSP



Technical Data Ex9SS

Staircase Switches

Connections



Functions

