



SPR-X10K-NA

10 k Ω Potentiometer with Forward/Reverse Control

Description

SPR-X10K-NA is a potentiometer that allows manual adjustment of EC fan speed from minimum to maximum. It features a forward/reverse function for changing the direction of fan rotation. This function is activated by pressing the knob. The potentiometer is suitable for both inset (IP44) and surface mounting (IP54).

Key Features

- Forward/reverse control for compatible EC fans
- Push-on/push-off knob for easy activation and deactivation of the forward/reverse function
- Splashproof enclosure

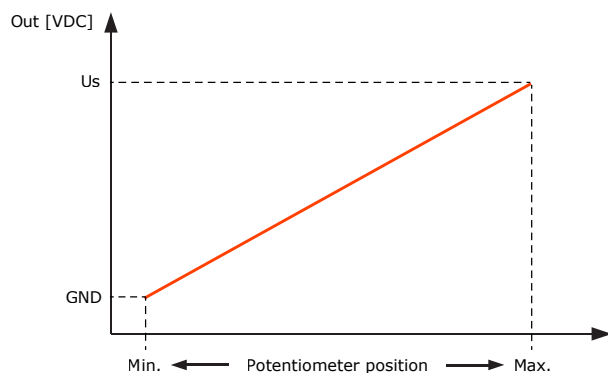
Technical Specifications

Output value	0—Us	
Potentiometer resistance	10 kΩ	
Output adjustment	From minimum to maximum	
Switch type	Push on/push off	
Protection standard		
Inset mounting	IP44 (according to EN 60529)	
Surface mounting	IP54 (according to EN 60529)	
Enclosure		
External	Material	ASA (acrylonitrile styrene acrylate) plastic
	Colour	White
Internal	Material	ABS (acrylonitrile butadiene styrene) plastic
	Colour	Black and white

Standards

- Low Voltage Directive 2014/35/EU
- Electromagnetic Compatibility (EMC) Directive 2014/30/EU
- WEEE Directive 2012/19/EU
- Commission Delegated Directive (EU) 2015/863 (RoHS 3) of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances

Operational Diagram



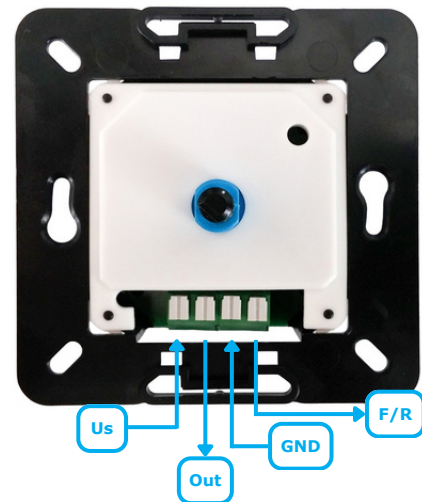
Article Code

Article code	Supply voltage
SPR-X10K-NA	10—12 VDC

Area of Use

- Buildings and controlled ventilation systems

Wiring and Connections



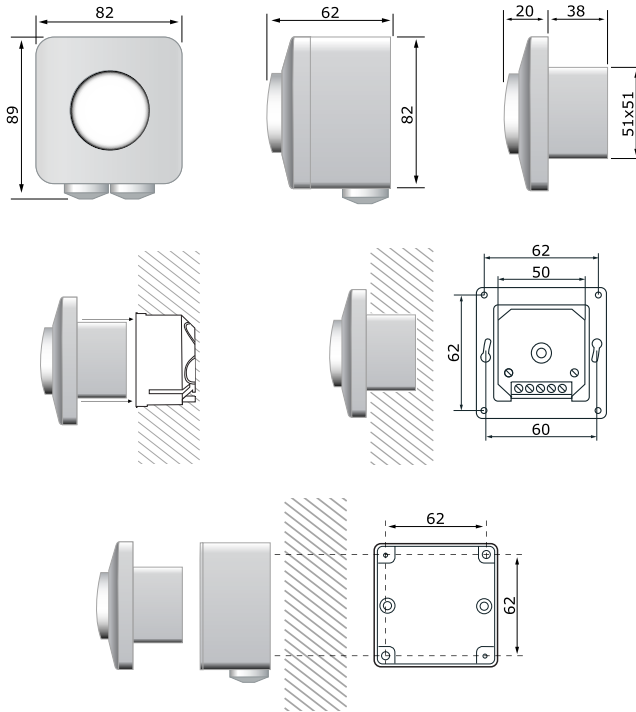
Us	Supply voltage: 10—12 VDC
Out	Regulated motor/fan output: 0—Us
GND	Ground
F/R	Forward/reverse direction of fan rotation
Connector type	Spring clamp terminal block
Cable characteristics	Cable cross-section: 1,5 mm ² , wire strip length: min. 8 mm



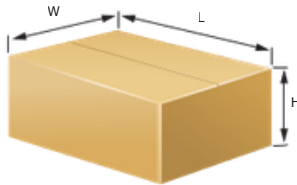
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Fixing and Dimensions



Packaging



Article code	Packaging	Length [mm]	Width [mm]	Height [mm]	Net weight [kg]	Gross weight [kg]
SPR-X10K-NA	Unit (1 pc)	85,5	95,5	70,5	0,10	0,12
	Carton (10 pcs)	492	182	64	1	1,35
	Box (60 pcs)	590	380	280	6	9,09
	Half pallet (960 pcs)	1.200	800	1.290	96	163,24
	Pallet (1.680 pcs)	1.200	800	2.140	168	274,12

