

Datasheet SD110

EAE KNX 0-10V / 1-10V SWITCH DIM ACTUATOR 10 CHANNEL

All you need is EAE



General Features

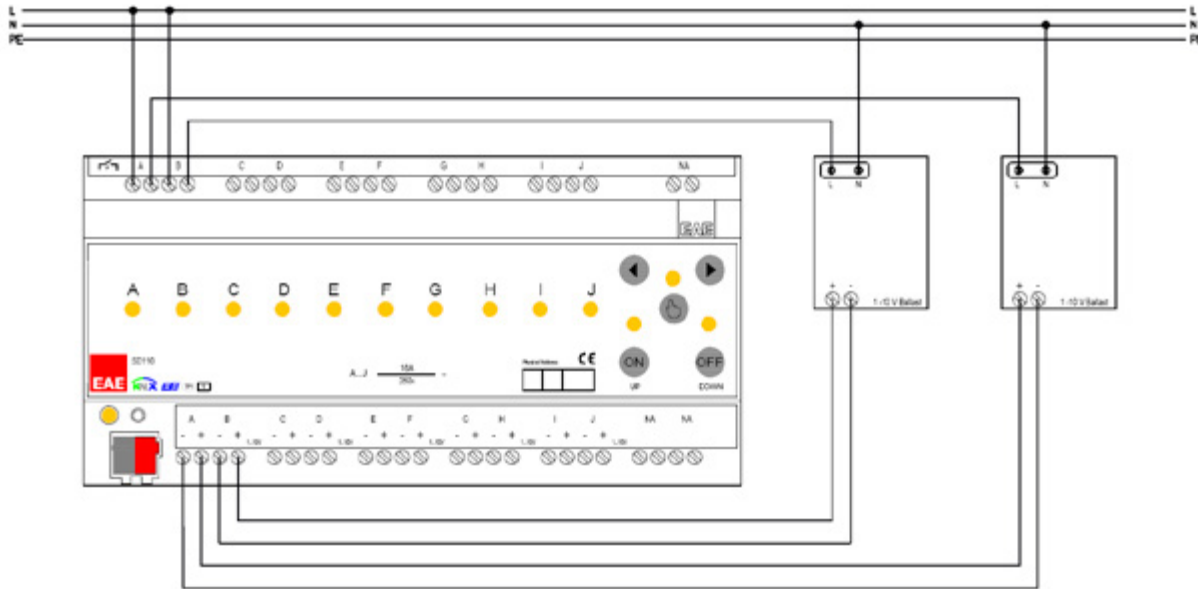


- 10 independent channels that can be parameterized via ETS4/ETS5.
- Manual operation feature for each channel using membrane switches.
- Following function list provided;
 - Staircase
 - Scene
 - Relay
 - Operating Hour
 - Forced Operation
 - Current Detection
 - Brightness
- Each channel can actualize any of these functions separately.
- Changeable behavior after voltage return, voltage failure or ETS download.
- Does not require an additional power supply.

Technical Data

Type of protection	IP 20	EN 60 529	
Safety class	II	EN 61 140	
Power supply :	- Voltage	21V... 30V DC, SELV	
	- Current consumption	≤ 10 mA	
External supply	-	-	
Connections	- Screw terminals	0,5...3,31 mm ² solid and stranded wire 0,5...3,31 mm ² stranded wire with ferrule 0.5 Nm	
	- Max tightening torque		
	- KNX	Bus connect terminal	
Output	- Number	10 output, passive	
	- Signal	0-10V / 1-10V DC for dimming control	
	- Cable length	max. 200 m	
	- Maximum switching power	4000 VA	
	- Mechanical life	> 1 x 10 ⁶	
Load supply circuit outputs	- Switching voltage	250 VAC; 50/60 Hz	
	- Switching current	16/12 AX	
	- Switching capacitance	200 µF	
Type of contact	- Potential-free, bistable		
Installation	- 35mm mounting rail	EN 60 715	
Operating elements	- LED (red) and button	For physical address	
Temperature range	- Ambient	-5° C + 45° C	
	- Storage	-25° C + 55° C	
Humidity	- max. air humidity	85 % no moisture condensation	
Dimensions		66 x W x 90mm	
	Width W in mm	179 mm	
	Width W in units (18 mm modules)	10 modules	
Weight		0,5 kg	
Box		Plastic, polycarbonate, colour grey	
CE		In accordance with the EMC guideline and low voltage	
Application program	Communications objects	Number of addresses(max)	Number of assignments(max)
	254	255	255

Connection Example



Connection Diagram

Scale Drawings

