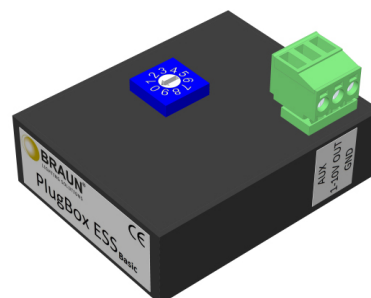


PlugBox ESS Basic

Information

The PlugBox ESS Basic is an auxiliary unit for the activation of power supplies that have 1-10V control inputs

To set the brightness of the luminaire, the 1-10V control input of the LED driver is steered by the PlugBox ESS Basic such that the LED-current can be set in steps of 10%, from a low of 10% up to 100%.



Technical Informations

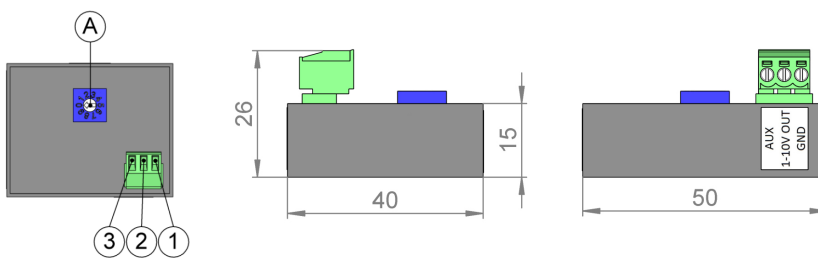
Allgemeine Beschreibung :	Die PlugBox ESS BASIC ist zur Ansteuerung von 1-10V Schnittstellen vorgesehen. Dazu ist eine Hilfsspannung von ca. 10-12V notwendig, die von einigen Netzteilen mit 1-10V Steuereingang bereits zur Verfügung gestellt wird. Ist dies nicht gegeben, kann diese Hilfsspannung extern eingespeist werden. Hierfür sind 3 Anschlüsse vorhanden. Zur Einstellung der Helligkeit der Leuchte, ist ein Kodierschalter vorgesehen.
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Anschluss Informationen :	The PlugBox ESS Basic is intended for the control of 1-10V interfaces. An auxiliary power source of about 10-12V is needed, which is already available on many commonly available power supplies that have a 1-10V control input. For this purpose, three terminals are available. The code switch is used for setting the brightness of the luminaire. This coding switch controls the standard brightness
Einstellung mit Kodierschalter :	The code switches have 10 positions for the brightness setting. Position „0“ is the lowest light intensity, while position „9“ is for maximum brightness. The adjustment is made in steps of 10%. It is noteworthy that the adjustment is on the basis of the LED current (brightness) and not on the power consumption of the luminaire. The following table maps the values to the settings:

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PlugBox ESS Basic





Position am Kodierschalter	LED-Strom
0	10%
1	20%
2	30%
3	40%
4	50%
5	60%
6	70%
7	80%
8	90%
9	100%

Anschlussnummer	Funktion	Farbe
1	GND	Grey
2	1-10V OUTPUT	Purple
3	AUX (10-12VDC INPUT)	Yellow
4	nicht verwendet	
5	nicht verwendet	
6	nicht verwendet	
7	nicht verwendet	
8	nicht verwendet	
9	nicht verwendet	



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