

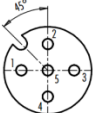

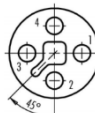



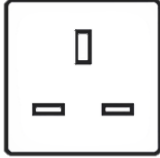
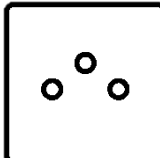
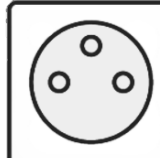
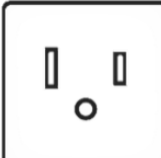


Compatible with all EFFILUX lighting
Strobe and continuous mode
Control and supply the light intensity up to 3 EFFILUX products

Electronics	Output Power	50W or 100W or 200W	
	Electronical mode	Continuous mode and Strobe mode	
	Number of output connectors	1 or 3 output channels	
	Type of output connectors	M12 – 5 Contacts	M12 PWR – 4 Contacts
	Power per Connectors	96W / 24V@4A	384W / 24V@16A
Mechanics	Weight	Max 2060g	
	Width x length x height	325.8 mm x 210mm x 96.5mm	
	Fastener	4 Holes x Ø4.5 mm	
	Material	Device body: Aluminum alloy	
Environment	Working temperature	0°C to 60°C	
	IP code	IP20	

Part Number



<p><i>Reference:</i> EFFI-PWR-XXXX-24V-YYY-ZZ</p>			
<p>XXXX: Power (W)</p>			
050W	100W	200W	
<p>YYY: Type and number of connectors</p>			
1XM12 CHANNEL → YYY=102	1XM12 PWR CHANNEL → YYY=112	3XM12 CHANNELS → YYY=302	
 <p>1X M12 Female connector</p> <p><i>Maximum allowed power per connector:</i> 96W / 24V@4A</p> 	 <p>1X M12 Power Female connector</p> <p><i>Maximum allowed power per connector:</i> 384W / 24V@16A</p> 	 <p>3X M12 Female connector</p> <p><i>Maximum allowed power per connector:</i> 96W / 24V@4A</p> 	
<p>ZZ: Type of power outlet (other available on request)</p>			
UK	CH	EU	US
 <p><i>Power supply cable: C13 + BS 1363*</i></p>	 <p><i>Power supply cable: C13 +SEV 1011*</i></p>	 <p><i>Power supply cable: C13 +CEE 7/XVII*</i></p>	 <p><i>Power supply cable: C13 +NEMA 5-15*</i></p>

*Power supply cable is delivered with the power supply.

N.B: **M12 cable** have to be purchased **separetely**.

Electronical considerations

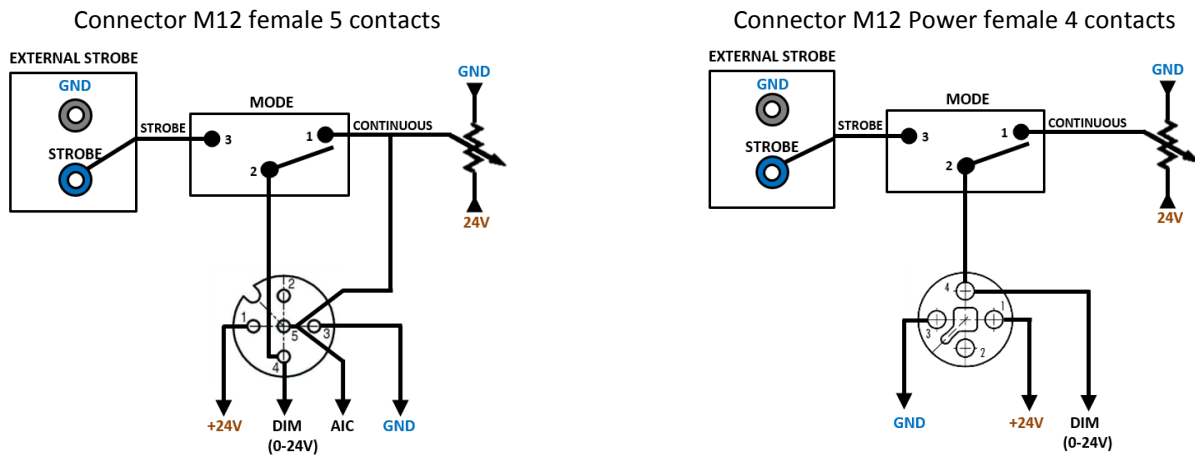


Contact arrangement

The EFFI-PWR is supplied with universal 110-230V AC input by a C14 socket. All EFFI-PWR are supplied with a mains power cable of 2 meters.

M12 FEMALE CONNECTOR – OUTPUT			
Contact arrangement	Number	Color Contact	Designation
<p>M12 connector M12 Power connector</p> <p><i>Connector depends on product version</i></p>	1	Brown	+24V
	2	White	n.a.
	3	Blue	GND
	4	Black	DIM OUT : 0-24V
	5 <i>(Only for M12)</i>	Grey	AIC : 0-24V

Electrical Scheme



Input/Output

2.bis. If **Strobe Mode** is selected, plug external trigger (Value depends on the lighting product)

2. Choose **Strobe Mode** or **Continuous Mode**

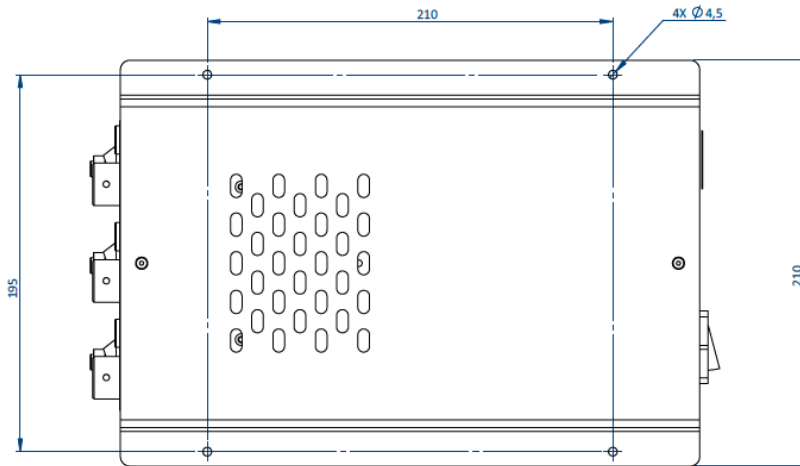
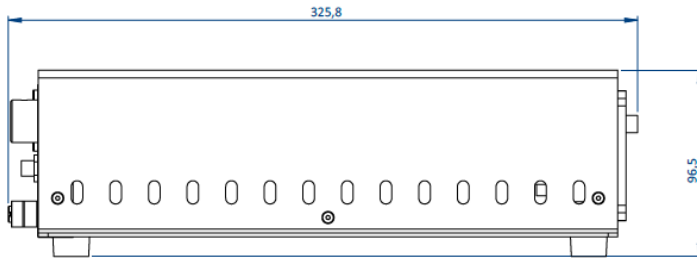
1. M12 or M12 power connector (light connector)

3. In **Continuous Mode**: Set the DIM voltage between 0V and 24V
Or in **Strobe Mode**: Set AIC voltage between 0V and 24V

Mechanical considerations (Dimensions en mm)



The mechanical dimensions are the same for all versions of EFFI-PWR. Only the front face is different.



Do not cover the ventilation holes

Accessories (to be purchased separately)



Cable

Connectivity	Orientation	Length	New part number	Compatibility
M12 Power – Female / Male - 4 contacts	Straight / Straight	2 m	EFFC-CAB-M12P-FM-4-DD-L2	All products with M12P
		5 m	EFFC-CAB-M12P-FM-4-DD-L5	All products with M12P
		10 m	EFFC-CAB-M12P-FM-4-DD-L10	All products with M12P
M12 - Female / Male - 5 contacts (M12 5 contacts cables are compatible with M12 4 contacts connector)	Straight / Straight	2 m	EFFC-CAB-M12-FM-5-DD-L2	All products with M12
		5 m	EFFC-CAB-M12-FM-5-DD-L5	All products with M12
		10 m	EFFC-CAB-M12-FM-5-DD-L10	All products with M12