

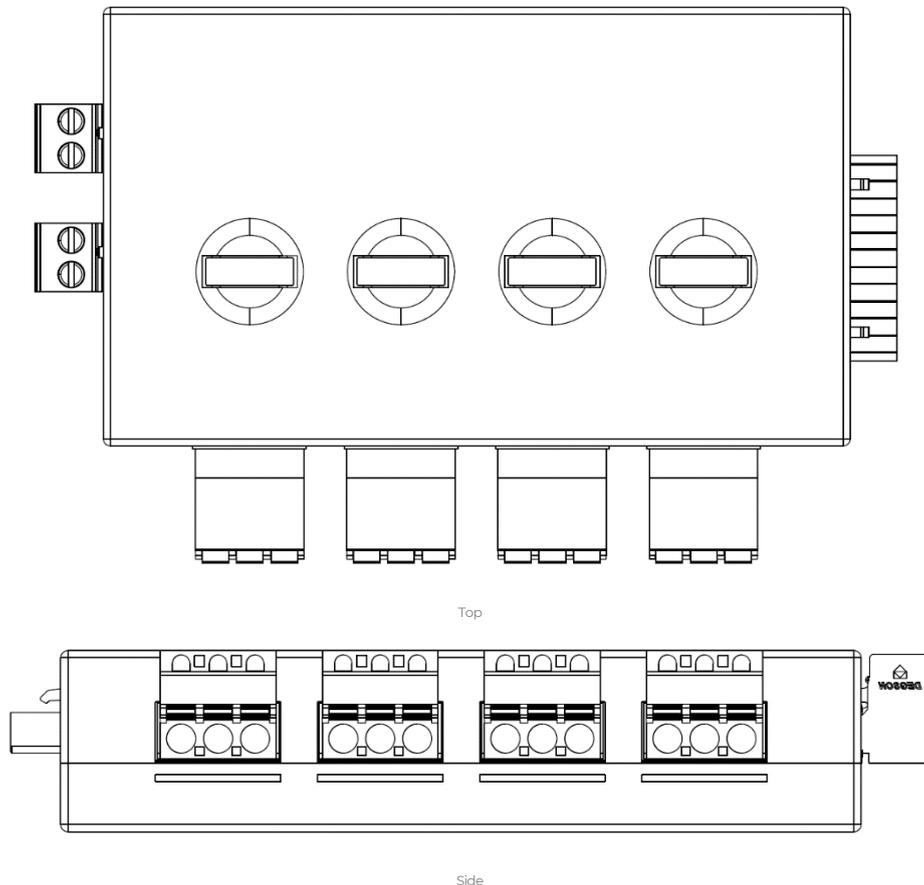
## DiGidot Easy Connect

*Specification sheet*

# PUSHING CONTROL BOUNDARIES



The DiGidot Easy connect is the most efficient connector for dynamic lighting controller on the market! It replaces complex installation boxes and makes installation and assembly up to 5 times faster and better secure!



# DiGidot Easy Connect

## Specification sheet

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### Description

The DiGidot Easy Connect stands as a testament to innovation and simplicity. This revolutionary device seamlessly integrates into any DiGidot controller, transforming complex installation processes into a plug and play solution and elevating lighting management to new heights of efficiency and control.

The DiGidot Easy Connect eliminates the need for complex installation boxes, simplifying the process and saving time. With only two power inputs and automatic switching capabilities, you can connect multiple LED fixtures with ease. This streamlined approach reduces cable clutter and ensures a faster, more efficient installation. Each output features four replaceable fuses, providing robust protection against short circuits and other potential hazards.

Four status LEDs provide clear indication of power status for each output, enabling you to quickly identify and address any potential issues. This real-time insight fosters proactive maintenance and ensures seamless operation of your lighting system.

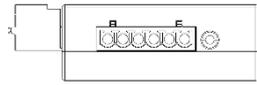
The DiGidot Easy Connect introduces a level of simplicity, efficiency, and protection that has never been seen before. This device empowers technicians and facility managers to streamline installations, enhance safety, and gain unprecedented control over their lighting systems.

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### Features

- Replaces complex installation boxes
- Two power inputs (automatically switched)
- Can deliver up to 30 Ampere
- Four Combined Power & Data outputs
- Four swappable output fuses (max. 15 A)
- Four power status LEDs
- Freely configurable output protocol
- Up to two different Voltage outputs

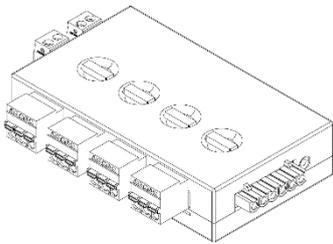
# Technical drawings



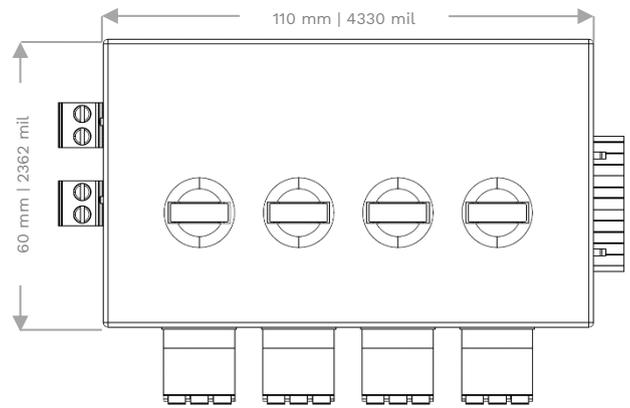
Input Side (H: 30mm)



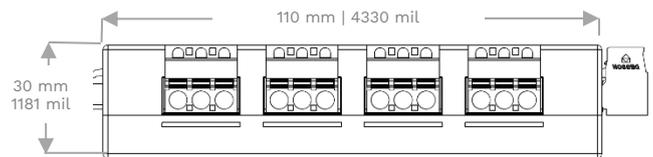
Power Side



Isometric



Top



Bottom

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# Specifications

## Electrical

Input Voltage	5-24 VDC
Max. Power Consumption	1 W
Max. Current per Connector	15 A

## Mechanical

Housing Material	Acrylonitril-Butadien-Styreen (ABS)
Dimensions	110 x 60 x 30 mm   4330 x 2302 x 1181 mil

Net Device Weight	125 gr   4.4092 oz
Package Weight	195 gr   6.7020 oz
Mounting	Screw

## Environmental

Operation Temperature (Tc)	0 to 50 °C   32 to 122 °F
Ambient Temperature (Ta)	40 °C   104 °F
Storage Temperature	-20 to 50 °C   -4 to 122 °F
Operating Relative Humidity	90% (indoor use only)

## Protection

IP Rating	IP30
DC Output Fuse	ATM, Mini 297/997

## Control

Supported Protocols	SPI, DMX TTL
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## Connectivity

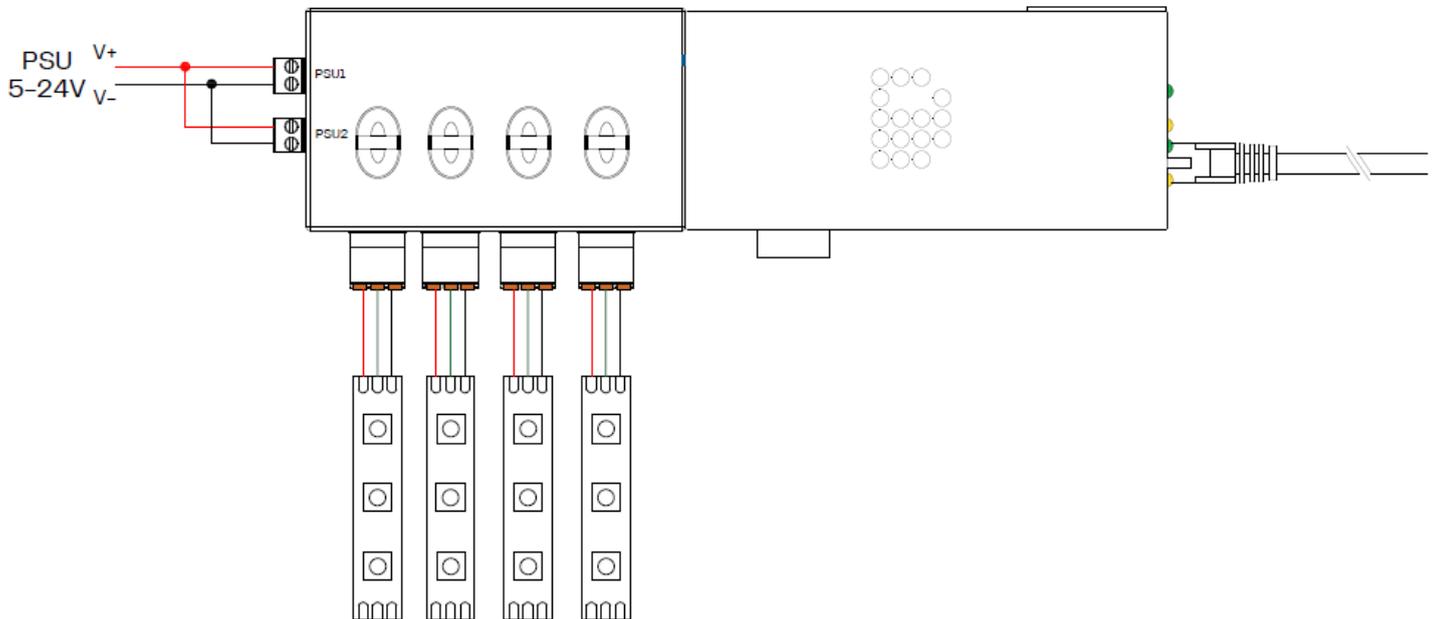
Max. Power Wiring	2,5 mm <sup>2</sup>   12 AWG
Max. Data Wiring	0,2 mm <sup>2</sup>   26 AWG

## Quality

Warranty	5 years carry in factory warranty
Compliances	CE, RoHS, pending ETL
Applied standards	EN60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013, IEC60950-1/EN60950-1, EN61006-6-3, EN55032

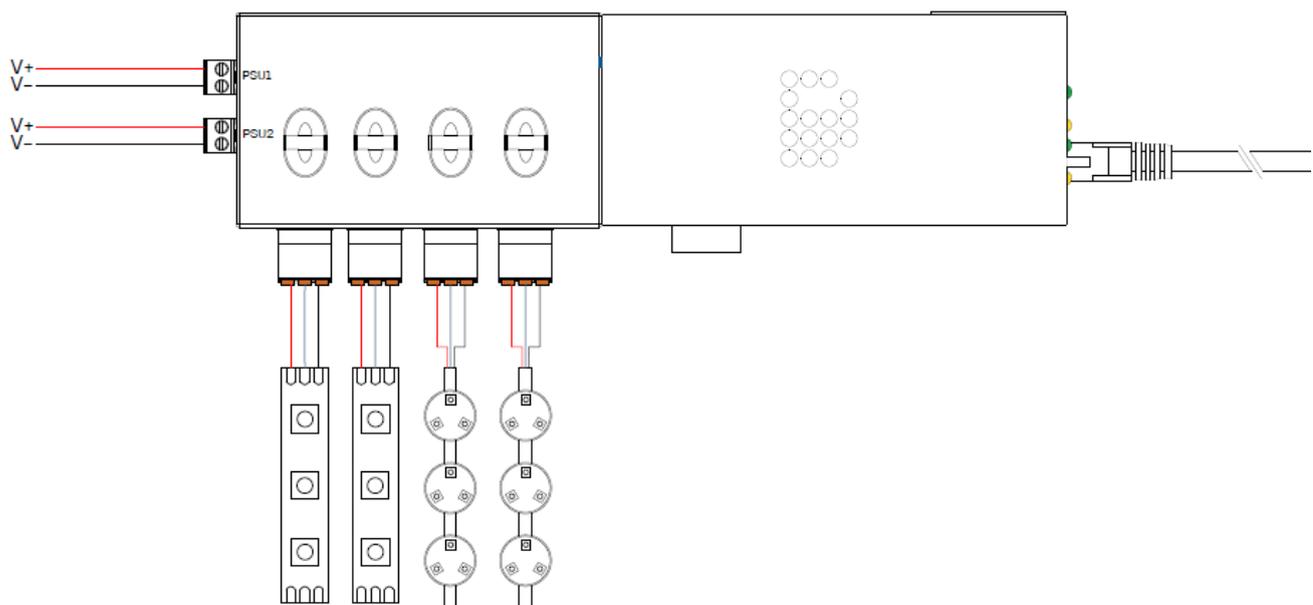
# Wiring Schemes

## One PSU, Two Power Connectors, Four Outputs (Max. 30A)



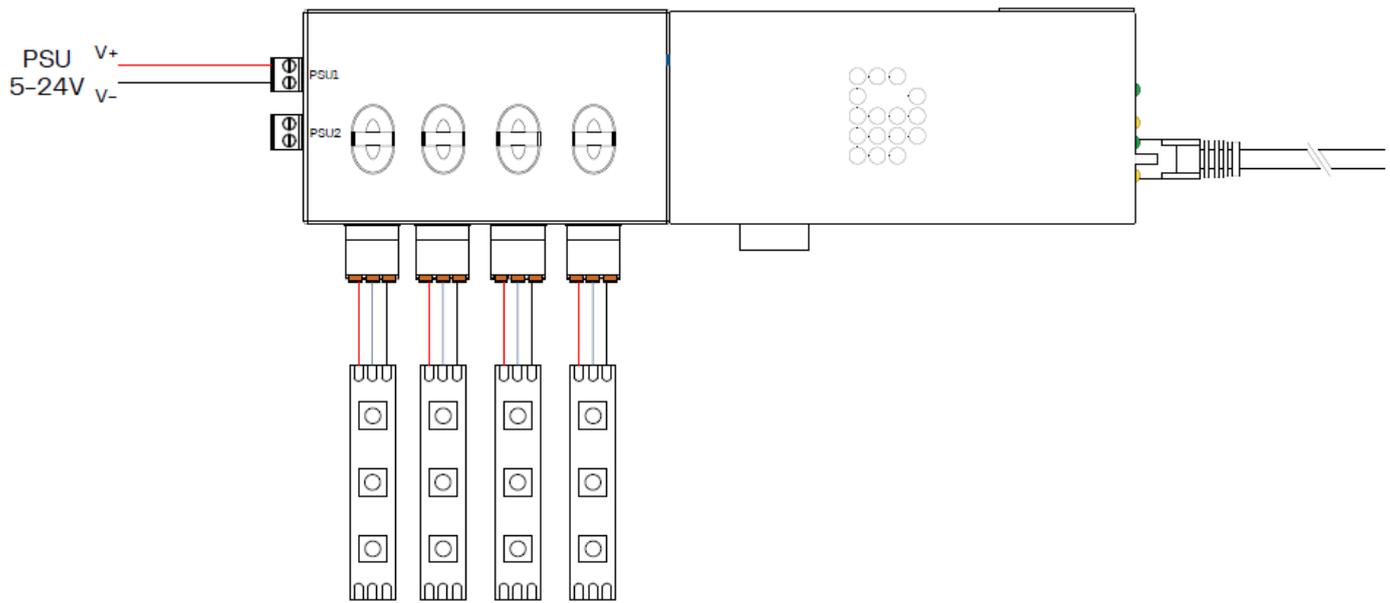
With this setup the Easy Connect can supply a maximum of 30 Ampere to the 4 outputs. PSU1 will supply this to output ports P3 & P4. PSU2 will supply the power for P1 & P2. All output ports will have the same Voltage output.

## Two PSU, Two times Two Outputs (Max. 15A per 2 Ports)



With this setup the Easy Connect can supply a maximum of 15 Ampere for P1 & P2 and P3 & P4. PSU1 will supply this to output ports P3 & P4. PSU2 will supply the power for P1 & P2. In this case the input Voltage of PSU1 and PSU2 can differ. As example PSU1 could be 24 Vdc to power the Modules and PSU2 could be 5 Vdc to power the LED strips.

## One PSU, Four Outputs (Max. 15A)



This setup of the Easy Connect can supply a maximum of 15 Ampere to the 4 outputs. All output ports will have the same Voltage output.

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## Packaging, Orderable Information

### Content

- > 1x DiGidot Easy Connect
- > 4x Four pins push-In terminal
- > 2x Two pins screw terminal
- > 4x Four 7.5 A fuses
- > Quick start Instruction card

#### **NOTE**

We put great care in our products and have a high quality control standard. Nonetheless we advise to double check for missing or damaged items.

In case of any missing or damaged items, please contact your supplier immediately.  
Never use damaged products!

### Order Information

<b>Product Name</b>	<b>Article nr.</b>	<b>EAN Code</b>
Combinations		
Easy Connect + 4x Fuse 7.5 A	2091150	8720168560193
Accessories		
Fuse 5 A	2091161	
Fuse 7.5 A	2091162	
Fuse 10 A	2091163	
Fuse 15 A	2091164	



## DiGidot Easy Connect

### Address

Bromostraat 18-3  
1067 TG Amsterdam  
The Netherlands

### Phone number

+31 (0) 20 820 1849

### E-mail

[info@digidot.eu](mailto:info@digidot.eu)

### Website

[www.digidot.eu](http://www.digidot.eu)



[/Digidot-Technologies-b.v.](https://www.linkedin.com/company/digidot-technologies-b.v.)



[@digidottechnologies](https://www.instagram.com/digidottechnologies)