



OLED DIN Switch Panel

*Intelligent Control
& Switching Systems*

*Designed and
manufactured in the UK
by Intellitec MV Ltd*



OLED DIN Switch Panel

Overview

The OLED DIN switch panel is part of our iConnex and iPLC and PMC package and offers 12 programmable switches with a high resolution OLED display screen.

OLED DIN is easy to install fitting in to any standard DIN aperture or can be flush mounted to any flat interior surface. It has many advantages to offer the vehicle driver/operator, including a fast, easy and safe interaction with the vehicle's key electrical functions.

Clear and precise information of system status is displayed on the high resolution display, including full I/O status from the iConnex module.

Key Features

- Dual voltage 12V or 24V
- 12 x fully programmable switches (momentary / latching / multi-function)
- Programmable RGB LED switch backlighting
- 4 x Analogue ADC or Digital High/Low inputs
- Standard DIN Aperture
- Durable hard-wearing overlay membrane (resistance to cleaning chemicals)
- Interface with PMC and iConnex
- Interface directly with the Victron BMV Battery Monitor range to display 2 x battery status on the display
- Ambient light monitor option available to special order



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OLED DIN Switch Panel

Technical Specifications

Operating Voltage (V)	9/32V
Max Input Current (A)	1.5A
Standby Current Consumption (mA)	50mA
IP Rating of Module	Ip20
Weight	112g
Dimensions L x W x D (mm)	185 x 58 x 22 mm
Connector Type	Molex Mini-fit Jr. 16Way Female
Switches	12
Switch LED Colour	RGB
Analogue ADC Inputs	4
Digital High/Low Inputs	4
Positive Output	700mA
Negative Output	700mA
Light Sensors	2
Module Communication	iConnex or PMC
Victron BMV Interface	Main battery State of Charge Main Battery Voltage Auxiliary Battery Voltage

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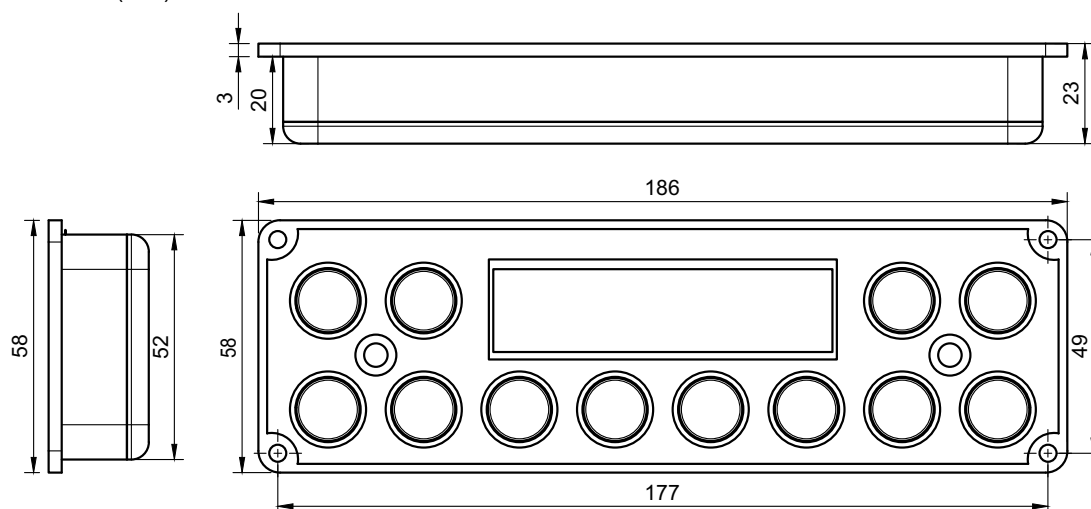
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Technical Specifications

Dimensions (mm)



Pin Out

Connector

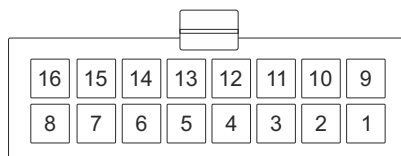
Description

Manufacturers Part Number

Module Connector	Molex 16-Way Female Housing	46992-1610
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Cable Entry View



- 01. Input 1.
- 02. Input 2.
- 03. PMC Blue Loop.
- 04. ADC Input 1.
- 05. ADC Input 2.
- 06. ADC Input 3.
- 07. CAN Low.
- 08. Keypad Positive.
- 09. Input 4.
- 10. Input 3.
- 11. PMC Yellow Loop.
- 12. Switched Positive Output.
- 13. Switched Negative Output.
- 14. ADC Input 4.
- 15. CAN High.
- 16. Keypad Ground.

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