



## Description

I/O expansion with 4 digital inputs, 2 sourcing outputs (7A max), and 1 sinking output (2.5A max), 13A max total module current. This compact module is IP67 and can be used in 12V and 24V nominal systems. Built in short circuit and overload protection along with reverse battery and over voltage protection.

## Product Features

- Small footprint
- Output open load detection
- Over voltage protection
- IP67 rated
- Output short circuit/ overload protection
- Reverse battery protection
- Nominal 12V/24V operation

## Specifications

### Mechanical Parameters

Storage Temperature	-40°C to 70°
Operating Temperature	-40°C to 70°
Ingress Protection	IP67
Mating Connector	DT06-12SB-P012, W12S wedgelock

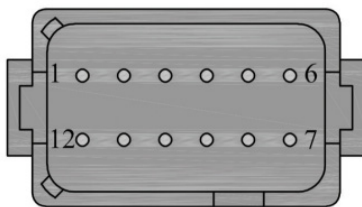
### Electrical Parameters

	Min	Type	Max	Units
Supply Voltage	8	14	30	VDC
Reverse Battery Voltage	-	-	-30	VDC
System Standby Current	-	25	30	mA
Continuous Total Current	-	-	13	A
CAN Baud Rate	-	250	-	Kbps
CAN ID	-	0X9E	-	Default*

## Product Dimensions

### DTF13-12PB

Top View



### Pinout

- 1 - Output 3 (sinking – 2.5A max)
- 2 - Output 2 (sourcing – 7A max)
- 3 - Output 1 (sourcing – 7A max)
- 4 - Output power
- 5 - Battery (-)
- 6 - Battery (+) 8-30VDC
- 7 - CAN high
- 8 - CAN low
- 9 - Input 4
- 10 - Input 3
- 11 - Input 2
- 12 - Input 1

### LED Definition

Flashing Red	CAN activity
Solid Green	Power

