



ECU COMPACT

HVAC + R

STANDARD

CABIN / MUX

CHARACTERISTICS

- Customizable software
- Data Logger
- Configurable I/Os
- CAN Bus and One Wire Interface

CONFIGURATION OPTIONS

- According to Hardware table.

CONNECTORS



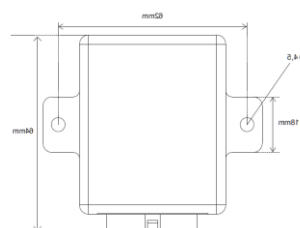
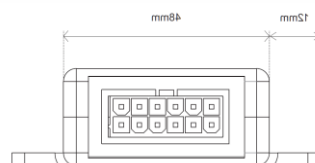
MINI-FIT 12 vias
Part Number: 39-01-2120

Terminal - PN: 39-00-0038
Fabricante: MOLEX

TECHNICAL DATA

TECHNICAL DATA	
OPERATING VOLTAGE	12 VDC / 24 VDC
OPERATING VOLTAGE RANGE	10 VDC to 30 VDC
MAXIMUM VOLTAGE	32 VDC during 5min
OUTPUT MAXIMUM CURRENT	500mA
OUTPUT SHORT-CIRCUIT	Protegido*
REVERSE POLARITY	Protegido*
OPERATING TEMPERATURE RANGE	-40°C to +85°C / -40°F to +185°F
STORAGE TEMPERATURE	-40°C to +85°C / -40°F to +185°F
TEMPERATURE SENSOR	NTC
PROTECTION DEGREE	IP 30
COMMUNICATION	CAN Bus / One Wire
MAXIMUM CURRENT CONSUMPTION	15mA @ 12VDC / 30mA @ 24VDC **
STANDBY CONSUMPTION	**

Approximated weight: 50g



* According to product configuration. ** Consumption may vary according to customer specifications.
We keep the right to update or change information regarding products without prior notice.

ECU

COMPACT

PRODUCT
CONFIGURATIONS

Choose the best options for your system

PIN	ECU COMPACT	POSSIBLE CONFIGURATIONS HARDWARE 1
1	ANALOG INPUT	DIGITAL INPUT
2	ANALOG INPUT	DIGITAL INPUT
3	DIGITAL OUTPUT NEGATIVE 0.5A	--
4	DIGITAL OUTPUT NEGATIVE 0.5A	--
5	DIGITAL OUTPUT NEGATIVE 0.5A	DIGITAL OUTPUT POSITIVE 0.5A
6	DIGITAL OUTPUT NEGATIVE 0.5A	DIGITAL OUTPUT POSITIVE 0.5A
7	ANALOG INPUT	DIGITAL INPUT
8	ANALOG INPUT	DIGITAL INPUT
9	DIGITAL OUTPUT NEGATIVE 0.5A	GND (SENSOR)
10	ONE WIRE	--
11	GND	--
12	POWER SUPPLY	--

PIN	ECU COMPACT	POSSIBLE CONFIGURATIONS HARDWARE 2
1	DIGITAL OUTPUT POSITIVE 0.5A	--
2	DIGITAL OUTPUT POSITIVE 0.5A	--
3	DIGITAL OUTPUT POSITIVE 0.5A	--
4	DIGITAL OUTPUT POSITIVE 0.5A	--
5	DIGITAL OUTPUT POSITIVE 0.5A	--
6	DIGITAL OUTPUT POSITIVE 0.5A	--
7	POWER SUPPLY	--
8	ANALOG INPUT	DIGITAL INPUT
9	ANALOG INPUT	DIGITAL INPUT

PIN	ECU COMPACT	POSSIBLE CONFIGURATIONS HARDWARE 3
1	ANALOG INPUT	DIGITAL INPUT
2	--	--
3	--	--
4	DIGITAL INPUT	--
5	--	--
6	POWER SUPPLY	--
7	ANALOG INPUT	DIGITAL INPUT
8	ANALOG OUTPUT	--
9	ANALOG OUTPUT	--
10	ANALOG INPUT	DIGITAL INPUT
11	DIGITAL OUTPUT NEGATIVE 0.5A	--
12	GND	--

PIN	ECU COMPACT	POSSIBLE CONFIGURATIONS HARDWARE 4
1	CAN H	--
2	CAN L	--
3	DIGITAL OUTPUT POSITIVE 0.5A	--
4	DIGITAL OUTPUT POSITIVE 0.5A	--
5	DIGITAL OUTPUT POSITIVE 0.5A	PWM OUTPUT 0.5A
6	DIGITAL OUTPUT POSITIVE 0.5A	PWM OUTPUT 0.5A
7	ANALOG INPUT	DIGITAL INPUT
8	ANALOG INPUT	DIGITAL INPUT
9	ANALOG INPUT	DIGITAL INPUT
10	ANALOG INPUT	DIGITAL INPUT
11	GND	--
12	POWER SUPPLY	--



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