



ECU WIDE

- 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



MCPAMP 9 via
Part Number: 8 - 968971 - 1



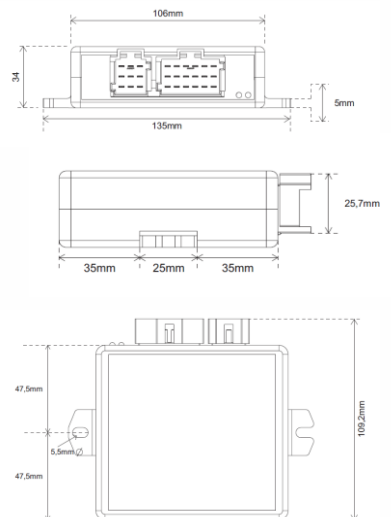
MCPAMP 18 via
Part Number: 8 - 968974 - 1

Terminal - PN: 1-968851-1
Fabricante: MCPAMP

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	10A / 500mA / 5A
OUTPUT SHORT-CIRCUIT	Protected*
REVERSE POLARITY	Protected*
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	36mA @ 12VDC / 41mA @ 24VDC **
STANDBY CONSUMPTION	**

Approximated weight: 180g



* 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

WIDE PRODUCT CONFIGURATIONS

Choose the best options for your system

PIN CN1		ECU WIDE POSSIBLE CONFIGURATIONS HARDWARE 1		
1		ANALOG INPUT	OR	DIGITAL INPUT
2		GND	OR	-
3		DIGITAL INPUT	OR	-
4		ANALOG INPUT	OR	DIGITAL INPUT
5		GND	OR	-
6		ANALOG INPUT	OR	DIGITAL INPUT
7		ANALOG INPUT	OR	DIGITAL INPUT
8		GND	OR	-
9		ANALOG INPUT	OR	DIGITAL INPUT
PIN CN2		ECU WIDE POSSIBLE CONFIGURATIONS HARDWARE 1		
1		POWER SUPPLY	OR	--
2		GND	OR	-
3		POWER SUPPLY	OR	-
4		POWER SUPPLY	OR	-
5		GND	OR	-
6		POWER SUPPLY	OR	-
7		DIGITAL OUTPUT POSITIVE 10A	OR	-
8		* THE SAME OUTPUT OF PIN 7	OR	-
9		--	OR	-
10		DIGITAL OUTPUT POSITIVE 10A	OR	PWM OUTPUT 5A
11		DIGITAL OUTPUT POSITIVE 0,5A	OR	-
12		--	OR	-
13		DIGITAL OUTPUT POSITIVE 5A	OR	PWM OUTPUT 5A
14		DIGITAL OUTPUT POSITIVE 0,5A	OR	-
15		CAN H	OR	-
16		DIGITAL OUTPUT POSITIVE 5A	OR	-
17		DIGITAL OUTPUT POSITIVE 5A	OR	-
18		CAN L	OR	-

PIN CN1		ECU WIDE POSSIBLE CONFIGURATIONS HARDWARE 2						
1		POWER SUPPLY	OR	--	OR	-	OR	--
2		GND	OR	-	OR	--	OR	--
3		ANALOG INPUT	OR	DIGITAL INPUT	OR	--	OR	--
4		DIGITAL INPUT	OR	-	OR	--	OR	--
5		GND	OR	-	OR	--	OR	--
6		ANALOG INPUT	OR	DIGITAL INPUT	OR	--	OR	--
7		GND	OR	-	OR	--	OR	--
8		GND	OR	-	OR	--	OR	--
9		ANALOG INPUT	OR	DIGITAL INPUT	OR	--	OR	--
PIN CN2		ECU WIDE POSSIBLE CONFIGURATIONS HARDWARE 2						
1		DIGITAL OUTPUT NEGATIVE 0,5A	OR	PWM OUTPUT	OR	-	OR	--
2		DIGITAL OUTPUT NEGATIVE 0,5A	OR	PWM OUTPUT	OR	--	OR	--
3		DIGITAL OUTPUT NEGATIVE 0,5A	OR	PWM OUTPUT	OR	--	OR	--
4		DIGITAL OUTPUT POSITIVE 3A	OR	-	OR	--	OR	--
5		DIGITAL OUTPUT NEGATIVE 0,5A	OR	-	OR	--	OR	--
6		DIGITAL OUTPUT NEGATIVE 0,5A	OR	-	OR	--	OR	--
7		DIGITAL OUTPUT NEGATIVE 0,5A	OR	DIGITAL OUTPUT POSITIVE 0,5A	OR	BRIDGE H1	OR	--
8		DIGITAL OUTPUT NEGATIVE 0,5A	OR	DIGITAL OUTPUT POSITIVE 0,5A	OR	DIGITAL OUTPUT POSITIVE 3A	OR	BRIDGE H2
9		TRANSDUCER POWER SUPPLY	OR	-	OR	--	OR	--
10		DIGITAL OUTPUT NEGATIVE 0,5A	OR	DIGITAL OUTPUT POSITIVE 0,5A	OR	DIGITAL OUTPUT POSITIVE 3A	OR	BRIDGE H1
11		DIGITAL OUTPUT NEGATIVE 0,5A	OR	DIGITAL OUTPUT POSITIVE 0,5A	OR	DIGITAL OUTPUT POSITIVE 3A	OR	BRIDGE H2
12		DIGITAL INPUT	OR	ANALOG INPUT	OR	--	OR	--
13		CAN H	OR	ONE WIRE	OR	--	OR	--
14		DIGITAL INPUT	OR	ANALOG INPUT	OR	--	OR	--
15		DIGITAL INPUT	OR	ANALOG INPUT	OR	--	OR	--
16		CAN L	OR	-	OR	--	OR	--
17		DIGITAL INPUT	OR	ANALOG INPUT	OR	--	OR	--
18		GND	OR	-	OR	--	OR	--



+55 51 3205 0555



+1 754 600 9882

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