

PWM | PULSE WIDTH MODULATION

HVAC + R

STANDARD



MAIN FUNCTIONS

ENGINE SPEED CONTROL

HIGH VOLTAGES

HIGH RELIABILITY

CHARACTERISTICS

- Metal or Plastic housing
- Resinated product providing high IP rating
- Automotive connector
- One Wire Interface

CONFIGURATION OPTIONS

INPUTS: Analogs and Digitals

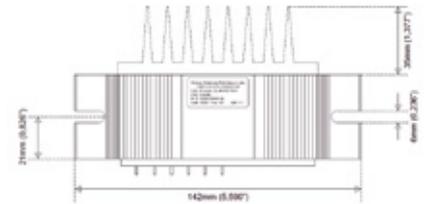
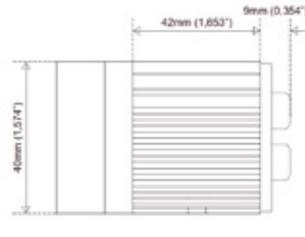
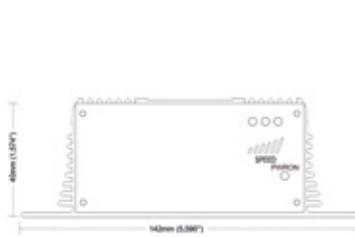
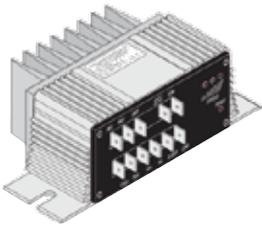
OUTPUTS: Analogs, Positive Digitals, Negative Digitals and PWM

AVAILABLE FOR



PWM MODULE

ALUMINUM



Approximated weight: 400g

CONNECTORS



POSITIVE LOCK AMP 1 VIA
 Part Number: 154719-1
 Terminal – PN: 880645-6
 Manufacturer: AMP

TECHNICAL DATA

OPERATING VOLTAGE	9V to 30V
VOLTAGE RANGE	10 Vdc to 28 Vdc
MAXIMUM VOLTAGE	32 Vdc during 5 mins
MAXIMUM CURRENT PER OUTPUT	30A
OUTPUT SHORT-CIRCUIT	Protected*
REVERSE POLARITY	Protected*
OPERATING TEMPERATURE	-40°C to +85°
STORAGE TEMPERATURE	-40°C to +85°C / -40°F to +185°F
TEMPERATURE SENSOR	N/A
PROTECTION DEGREE	IP 65
CONNECTOR	AMP
COMMUNICATION	One Wire
MAXIMUM CURRENT CONSUMPTION	45mA @12v / 55mA 24v
STANDBY CONSUMPTION	N/A

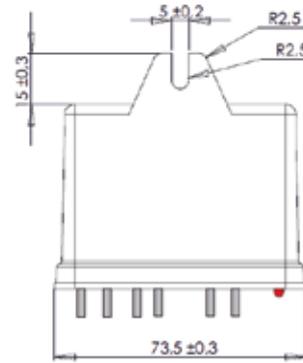
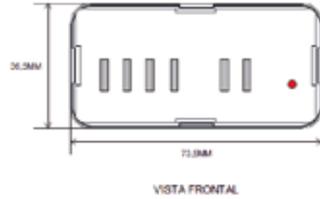
* According to product configuration. ** Consumption may vary according to customer specifications.
 We keep the right to update or change information regarding products without prior notice.



PWM MODULE

PLASTIC

GL-M1HGL002



Approximated weight: 200g

CONNECTORS

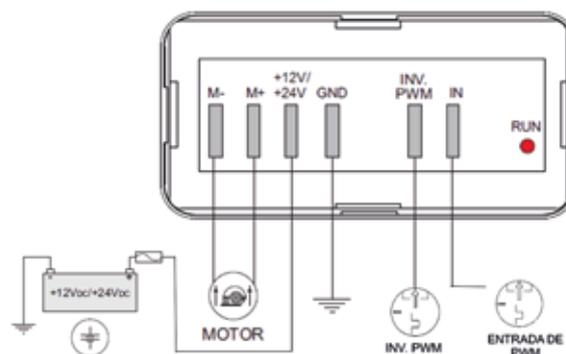


POSITIVE LOCK AMP 1 VIA
Part Number: 154719-1
Terminal - PN: 880645-6
Manufacturer: AMP

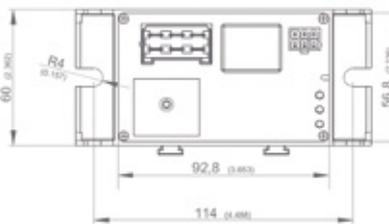
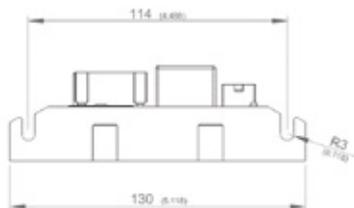
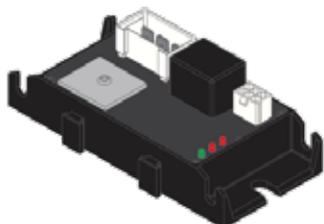
TECHNICAL DATA

OPERATING VOLTAGE	12 Vdc / 24 Vdc
VOLTAGE RANGE	11 Vdc to 30 Vdc
MAXIMUM VOLTAGE	32 Vdc during 5 mins
MAXIMUM CURRENT PER OUTPUT	15A
OUTPUT SHORT-CIRCUIT	Protected*
REVERSE POLARITY	Protected*
OPERATING TEMPERATURE	-40°C to +85°
STORAGE TEMPERATURE	-40°C to +85°C / -40°F to +185°F
TEMPERATURE SENSOR	N/A
PROTECTION DEGREE	IP 54
CONNECTOR	AMP
COMMUNICATION	N/A
MAXIMUM CURRENT CONSUMPTION	40mA @12v / 60mA 24v
STANDBY CONSUMPTION	N/A

* According to product configuration. ** Consumption may vary according to customer specifications.
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PWM MODULE PLASTIC



Approximated weight: 160g

CONNECTORS



FASTON 6 VIAS
Part Number: 0-280314-0
Terminal PN: 880645-6
Manufacturer: AMP

TECHNICAL DATA

OPERATING VOLTAGE	12 Vdc
VOLTAGE RANGE	10 Vdc to 15 Vdc
MAXIMUM VOLTAGE	17 Vdc during 5 mins
MAXIMUM CURRENT PER OUTPUT	15A
OUTPUT SHORT-CIRCUIT	Protected*
REVERSE POLARITY	Protected*
OPERATING TEMPERATURE	-40°C to +85°
STORAGE TEMPERATURE	-40°C to +85°C / -40°F to +185°F
TEMPERATURE SENSOR	N/A
PROTECTION DEGREE	IP 54
CONNECTOR	FASTON
COMMUNICATION	One Wire
MAXIMUM CURRENT CONSUMPTION	110mA @12v
STANDBY CONSUMPTION	1,7mA

* According to product configuration. ** Consumption may vary according to customer specifications.
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