E1291 13AMP VOLTAGE CONVERTER 72V – 24V

72V – 24V VOLTAGE CONVERTER 13AMP
HIGH SPECIFICATION
MANUFACTURED IN THE UK



FRONT VIEW

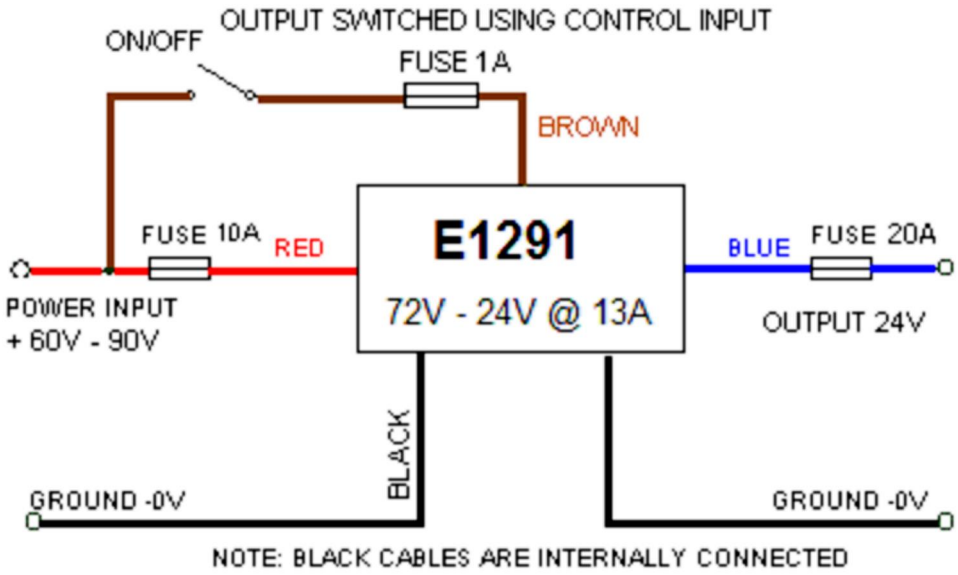


REAR VIEW

- **PART NO: E1291**
- **TYPE: SWITCH MODE VOLTAGE DROPPER**
- **RATING: 13 AMPS**
- **MAX CONTINUOUS O/P CURRENT: 13 AMPS**
- **PEAK OUTPUT CURRENT: > 16 AMPS**
- **INPUT VOLTAGE: 60V – 90V DC**
- **OUTPUT VOLTAGE: 24V DC**
- **OVERLOAD PROTECTION: YES**
- **OUTPUT PROTECTED: YES**
- **POLARITY PROTECTED: EXTERNAL FUSE**
- **OPERATING TEMPERATURE: 40 DEG.C TO + 70 DEG.C**
- **HIGH TEMP PROTECTED: YES**
- **SHORT CIRCUIT PROTECTION: YES**
- **OVER VOLTAGE PROTECTION: YES**
- **EFFICIENCY: > 90%**
- **LOAD REGULATION: 0.3V**
- **DIMENSIONS: 215mm X 100mm X 75mm**
- **FIXING CENTRES: 70mm X 200mm (4 HOLE FIXING)**
- **HOLE SIZE: 5.5mm**
- **WEIGHT: 1150g**
- **CONSTRUCTION: ANODISED COOLING PROFILE (TWIN)**

MODELS ALSO AVAILABLE: 18AMP / 24AMP / 30AMP / 36AMP / 42AMP / 60AMP

OEM AND TRADE ENQUIRIES WELCOME



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BEFORE INSTALLATION YOU NEED TO PURCHASE:
1 X 1A AUTOMOTIVE BLADE FUSE
1 X 10A AUTOMOTIVE BLADE FUSE
1 X 20A AUTOMOTIVE BLADE FUSE
3 X INLINE FUSE HOLDER (TO TAKE BLADE FUSES)

RECOMMENDED MINIMUM CABLES SIZES:
INPUT (RED): 6mm² CONDUCTOR CROSS SECTION (84/0.3mm)
OUTPUT (BLUE): 6mm² CONDUCTOR CROSS SECTION (84/0.3mm)
GROUND (BLACK)): 6mm² CONDUCTOR CROSS SECTION (84/0.3mm)
CONTROL (BROWN): 1.0mm² CONDUCTOR CROSS SECTION (32/0.2mm)

INSTALLATION INSTRUCTIONS:

1. **CONNECT THE BLUE OUTPUT LEAD CONNECTION TO THE +VE CONNECTION ON YOUR 24V EQUIPMENT (FITTING 1 X INLINE FUSE HOLDER WITH 20A BLADE FUSE BETWEEN THE VOLTAGE CONVERTER AND THE 24V EQUIPMENT AS SHOWN ON WIRING DIAGRAM SUPPLIED WITH UNIT)**

2. **CONNECT ONE BLACK LEAD CONNECTION TO THE –VE CONNECTION OF THE 24V EQUIPMENT**

3. **CONNECT ONE BLACK LEAD CONNECTION TO GROUND, IE: THE VEHICLE CHASSIS OR TO THE –VE CONNECTION OF THE 72V SUPPLY / BATTERY**

4. **CONNECT THE RED INPUT LEAD CONNECTION TO YOUR 72V +VE SUPPLY / BATTERY (FITTING 1 X INLINE FUSE HOLDER WITH 10A BLADE FUSE BETWEEN THE VOLTAGE CONVERTER AND THE +VE CONNECTION OF YOUR 72V SUPPLY AS SHOWN ON WIRING DIAGRAM SUPPLIED WITH UNIT)**

5. **THE BROWN CONTROL LEAD CONNECTION GIVES YOU THE OPTION TO SWITCH THE VOLTAGE CONVERTER ON AND OFF USING A STANDARD LOW CURRENT SWITCH.**

6. **ALTERNATIVELY YOU CAN CONNECT THE BROWN CONTROL LEAD CONNECTION DIRECTLY TO THE POSITIVE INPUT, IE: THE +VE CONNECTION ON THE 72V BATTERY (FITTING 1 X INLINE FUSE HOLDER WITH 1A BLADE FUSE BETWEEN THE 72V BATTERY AND THE VOLTAGE CONVERTER AS SHOWN ON WIRING DIAGRAM SUPPLIED WITH UNIT) WHICH WILL ENABLE YOU TO RUN THE VOLTAGE CONVERTER ALL THE TIME.**

IF IN DOUBT, PLEASE CONSULT AN AUTOMOTIVE ELECTRICIAN OR TELEPHONE US ON 01939 235073

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- **DC-DC Voltage Converters**
- **Trailer Voltage Converters**
- **Battery Status Indicators**
- **Voltage Sensitive Switches.**

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- **Water Level Probes**
- **Temperature Monitors**
- **Temperature Probes**
- **Air Conditioning Fan Control Units**
- **Vehicle Flashers and Interrupters**
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