E1165 – MOD1 90AMP VOLTAGE CONVERTER 24V – 12V

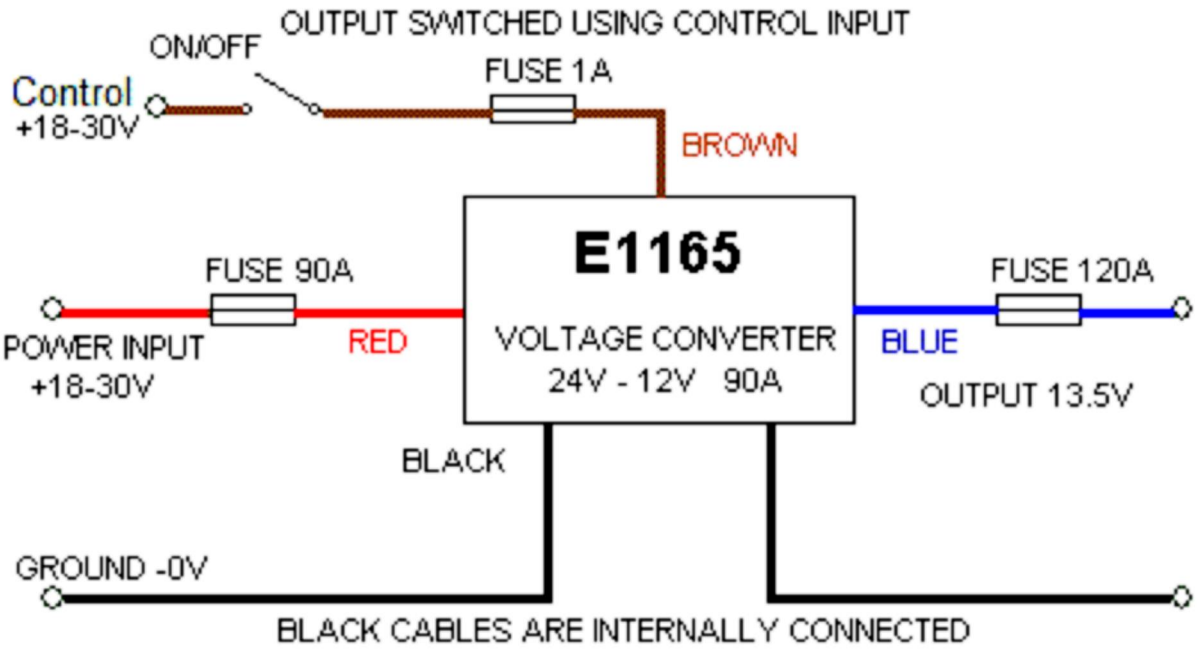
24V – 12V VOLTAGE CONVERTER 90AMP
HIGH SPECIFICATION
MANUFACTURED IN THE UK



- **PART NO: E1165**
- **TYPE: SWITCH MODE DROPPER**
- **RATING: 90 AMP**
- **MAX CONTINUOUS O/P CURRENT: 90 AMP**
- **PEAK OUTPUT CURRENT: 120 AMP**
- **INPUT VOLTAGE: 18 – 30V DC**
- **OUTPUT VOLTAGE: 13.5V DC**
- **OVERLOAD PROTECTION: YES**
- **OUTPUT PROTECTED: YES**
- **POLARITY PROTECTED: YES**
- **OPERATING TEMPERATURE: - 40 TO + 70 DEG.C**
- **HIGH TEMP PROTECTED: YES**
- **SHORT CIRCUIT PROTECTION: YES**
- **OVER VOLTAGE PROTECTION: YES**
- **EFFICIENCY: > 90%**
- **LOAD REGULATION: 0.3V**
- **CONSTRUCTION: 6 X E710 15A DROPPER MOUNTED ON A SINGLE ALUMINIUM PLATE**

MODELS ALSO AVAILABLE: 15AMP / 30AMP / 45AMP / 75AMP / 90AMP

OEM AND TRADE ENQUIRIES WELCOME



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RECOMMENDED MINIMUM CABLES SIZES:
INPUT (RED): 25mm² CONDUCTOR CROSS SECTION (196/0.4mm)
OUTPUT (BLUE): 25mm² CONDUCTOR CROSS SECTION (196/0.4mm)
GROUND (BLACK)): 25mm² CONDUCTOR CROSS SECTION (196/0.4mm)
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 12V EQUIPMENT**
2. **CONNECT ONE BLACK LEAD CONNECTION TO THE –VE CONNECTION OF THE 12V EQUIPMENT**
3. **CONNECT ONE BLACK LEAD CONNECTION TO GROUND, IE: THE VEHICLE CHASSIS OR TO THE –VE CONNECTION OF THE 24V SUPPLY / BATTERY**
4. **CONNECT THE RED INPUT LEAD CONNECTION TO YOUR 24V +VE SUPPLY / BATTERY**
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 24V BATTERY 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**
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- **Light Control Units**
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