E752 3AMP VOLTAGE CONVERTER 12V – 48V

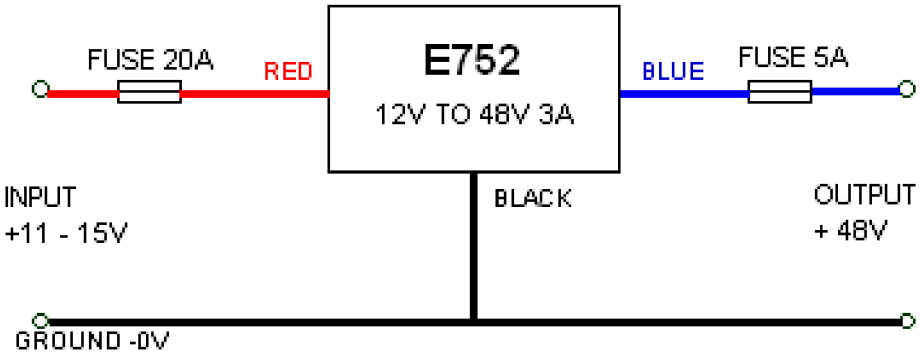
12V – 48V VOLTAGE CONVERTER 3AMP
HIGH SPECIFICATION
MANUFACTURED IN THE UK



- **PART NO: E752**
- **TYPE: SWITCH MODE STEP UP VOLTAGE CONVERTER**
- **RATING: 3 AMP**
- **MAX CONTINUOUS O/P CURRENT: 3 AMP**
- **PEAK OUTPUT CURRENT: 5 AMP**
- **INPUT VOLTAGE: 11 – 15V DC**
- **OUTPUT VOLTAGE: 48V DC**
- **OVERLOAD PROTECTION: EXTERNAL FUSE**
- **OUTPUT PROTECTED: EXTERNAL FUSE**
- **POLARITY PROTECTED: YES**
- **OPERATING TEMPERATURE: - 40 DEG.C TO + 70 DEG.C**
- **HIGH TEMP PROTECTED: YES**
- **SHORT CIRCUIT PROTECTION: EXTERNAL FUSE**
- **EFFICIENCY: > 88%**
- **LOAD REGULATION: 0.15V**
- **DIMENSIONS: 155mm X 70mm X 55mm**
- **FIXING CENTRES: 138mm X 40mm (4 HOLE FIXING)**
- **HOLE SIZE: 5.5mm**
- **WEIGHT: 458g**
- **CONSTRUCTION: ANODISED COOLING PROFILE**

MODELS ALSO AVAILABLE: 6AMP / 9AMP / 12AMP / 15AMP / 18AMP / 21AMP / 24AMP

OEM AND TRADE ENQUIRIES WELCOME



WARNING: SHORTING THE OUTPUT TO GROUND WHILST THERE IS POWER CONNECTED TO THE POWER INPUT WILL DAMAGE THE CONVERTER.

EURO MANUFACTURING AND MARKETING LIMITED
Euro Works, 11-13 High Street, Wem, Shropshire SY4 5AA, England.
Tel: +44 (0) 1939 235073 Fax: +44 (0) 1939 235074
Email: sales@eurogroup-gb.com OR sales@battery-management-voltage-converter.com
Web Site: www.eurogroup-gb.com OR www.battery-management-voltage-converter.com

BEFORE INSTALLATION YOU NEED TO PURCHASE:
1 X 5A AUTOMOTIVE BLADE FUSE (COLOUR: TAN)
1 X 20A AUTOMOTIVE BLADE FUSE (COLOUR: YELLOW)
2 X INLINE FUSE HOLDER (TO TAKE BLADE FUSES)

RECOMMENDED MINIMUM CABLES SIZES:
INPUT (RED): 3mm² CONDUCTOR CROSS SECTION (44/0.3mm)
OUTPUT (BLUE): 3mm² CONDUCTOR CROSS SECTION (44/0.3mm)
GROUND (BLACK): 3mm² CONDUCTOR CROSS SECTION (44/0.3mm)

INSTALLATION INSTRUCTIONS:

1. **CONNECT THE BLUE OUTPUT LEAD TO THE +VE CONNECTION ON YOUR 48V EQUIPMENT (FITTING 1 X INLINE FUSE HOLDER WITH 5A BLADE FUSE BETWEEN THE VOLTAGE CONVERTER AND THE 48V EQUIPMENT AS SHOWN ON WIRING DIAGRAM SUPPLIED WITH UNIT)**

2. **CONNECT THE BLACK LEAD TO GROUND, IE: THE VEHICLE CHASSIS (THIS IS COMMON TO THE INPUT AND OUTPUT AS SHOWN ON THE WIRING DIAGRAM)**

3. **CONNECT THE RED INPUT LEAD TO YOUR 12V +VE SUPPLY (FITTING 1 X INLINE FUSE HOLDER WITH 20A BLADE FUSE BETWEEN THE VOLTAGE CONVERTER AND THE +VE CONNECTION OF YOUR 12V SUPPLY AS SHOWN ON WIRING DIAGRAM SUPPLIED WITH UNIT)**

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

WHY NOT VISIT OUR WEBSITES TO VIEW THE OTHER PRODUCTS WE MANUFACTURE:

http://www.battery-management-voltage-converter.com
This site covers our:
- **Battery Management Systems**
- **Split Charge Controllers**
- **DC-DC Battery Chargers**
- **DC-DC Voltage Converters**
- **Trailer Voltage Converters**
- **Battery Status Indicators**
- **Voltage Sensitive Switches.**

http://www.eurogroup-gb.com
This site covers our Range of:
- **Water Level Monitors**
- **Water Level Probes**
- **Temperature Monitors**
- **Temperature Probes**
- **Air Conditioning Fan Control Units**
- **Vehicle Flashers and Interrupters**
- **Light Control Units**
- **Oil Level Monitors**
- **Oil Level Probes**
- **Hydraulic Control Units**
- **Audible Warning Devices**
- **Reversing Alarms**
- **Timers**
- **Vehicle Safety and Security Units**
- **Digital Speed Switches**
- **Solenoid Controllers**
- **Relays, Connectors, Lamps, Switches**
- **Earth Straps**
- **Looms and Wiring Harnesses**
- **Transformer and Coil Winding**
- **Mechanical Assembly**
- **Special Purpose Electrical / Electronic Assembly**
- **Encapsulation and Formal Coating**
- **Vacuum Formed Parts**
- **Printed Circuit Board Assembly**

EURO MANUFACTURING AND MARKETING LIMITED
Euro Works, 11-13 High Street, Wem, Shropshire SY4 5AA, England.
Tel: +44 (0) 1939 235073 Fax: +44 (0) 1939 235074
Email: sales@eurogroup-gb.com OR sales@battery-management-voltage-converter.com
Web Site: www.eurogroup-gb.com OR www.battery-management-voltage-converter.com