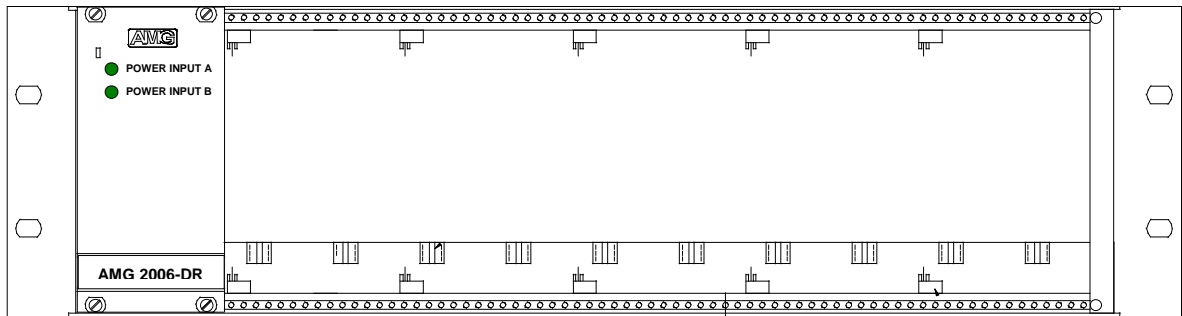




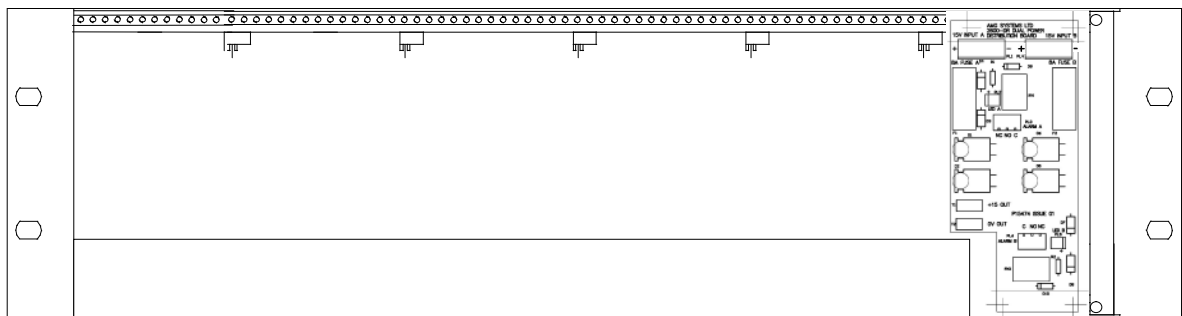
AMG2006-DR Instruction Sheet

AMG2006-DR 19" Rack Mount Subrack

Front View



Rear View

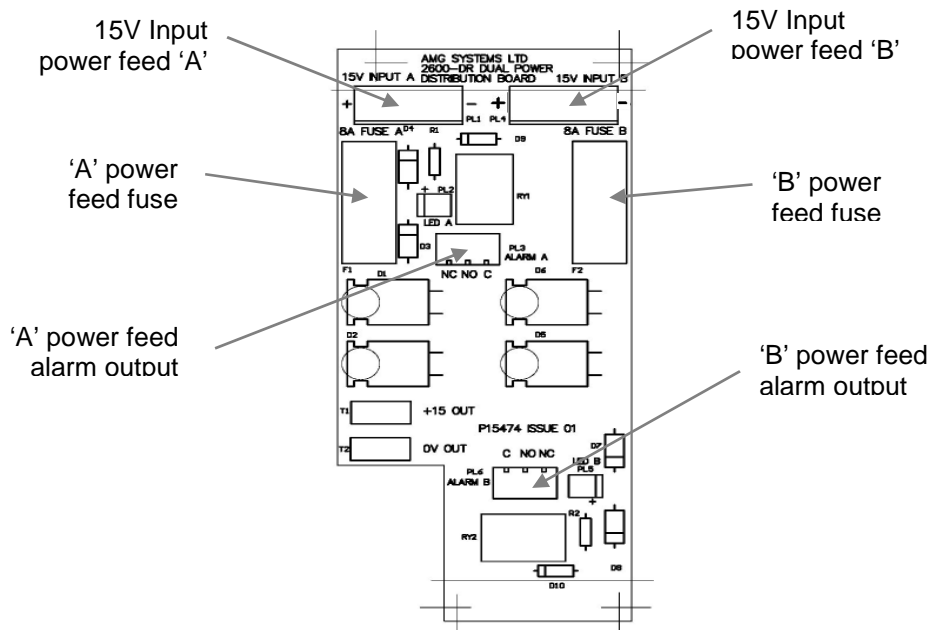


The **AMG2006-DR** Subrack is a dual power feed standard 19" rack-mount subrack. It is designed to house AMG 2000, 2700, 2900 series video transmission equipment.

It takes two 15 volt, 7Amp, DC power feeds both connected to the rear power distribution panel to power the plug-in units via isolation diodes. Front panel LEDs indicates the presence of power on each input power feed. There are also two contact changes over relays controlled by the presence of each power feed in order to provide alarm information regarding failure of one or both of the power feeds.

Operation of the equipment plugged into the subrack is maintained following failure or loss of either of the power feeds.

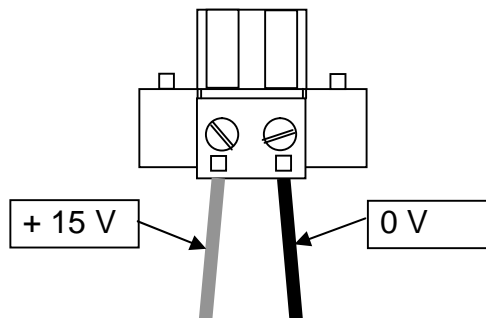
Connections
Rear Panel Schematic



Power Connection

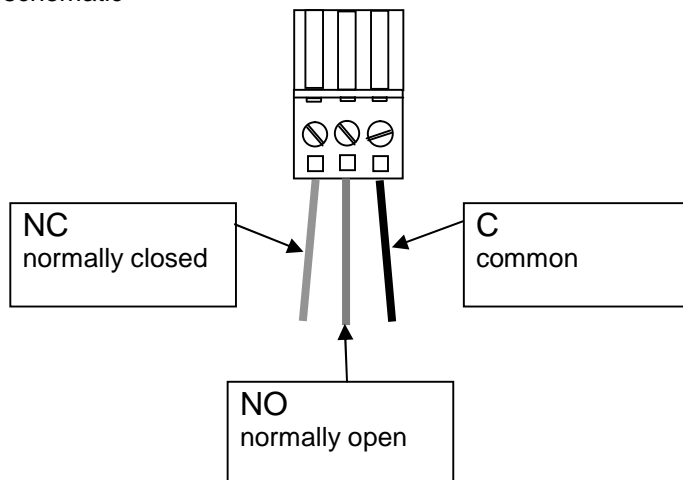
- Power supply input2 off @ +14.5 to +16.0 Volt 8 amps.**1
- Connector2 off 2 way removable screw terminal 5.08mm pitch screw flange connector (Phoenix Pt. No. MSTBV 2, 5/2-GF-5.08)
- Connections.....see schematic

**1 - recommended power supply
 Farnell Pt. No. 145-6487



Alarm Connection

- Connector2 off way removable screw terminal connector (Weidmuller 3 way Plug Pt. No. BL 3.5/3, 10A, 3.5mm)
- Connections.....see schematic



(Note: normally closed and normally open refer to the state when not powered)

Fuses

Type.....8Amp Antisurge (T) 20 x 5mm.

Indicators

Power.....2off
Green – power present in input power feed
Off – no power present on input power feed

Physical Information

Dimensions

Height3U Plug-in
Width.....19" with rack mount ears
Depth290mm
Weight.....1600grams

Mounting Details

The unit is designed to be mounted within a standard 19" rack. Care should be taken with regard to air circulation when populated, taking into account the total heat dissipation of the equipment installed. An air circulation gap above and below the subrack is recommended when populated to full power capacity.

Safety

The 2006-DR should only be fed from low voltage supplies. Only AMG equipment should be plugged into the subrack.

Maintenance and Repair

There are no user serviceable parts within the AMG2006-DR products.
In case of problem or failure contact your local support centre or AMG Systems Ltd, Technical Support Department on tel. +44 (0) 1767 600777.