

About the MOD-R

The unit is a 153 Radio Receiver device. The unit has no operator serviceable parts and is therefore maintenance free.



Safety Precautions

The MOD-R is designed for use on supply voltages of 12VDC. To ensure safe operation the unit must be connected to the correct supply voltage. The instructions contained in this manual and the safety markings on the product must be complied with.

Before connecting the unit ensure the supply voltage is within the range specified for the product.

General:

Operating Temp: 0°C to 40°C
Humidity: 80% Max
IP Rating: Front Panel IP40
Housing: Self extinguishable plastic
Dims: 6 module DIN
105mm W x 90mm H x 57.5 D

The unit is of the DIN rail mounting type and conforms to DIN 43370 dimensions (6 modules). 35mm 'top hat' profile DIN rail should be utilised for attachment of the unit to a suitable surface.

Electrical Connections

Power Supply:



CAUTION: The unit is suitable for connection to a 12VDC supply which is normally supplied by Elcomponent with the unit. Please ensure that the correct supply is used and the polarity of the connection is respected.

The power supply terminals are located on the base of the unit in the centre and are marked accordingly.

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RS485 CONNECTION

The RS485 output should be connected to the network via suitable screened twisted pair cabling. The polarity A&B must be maintained on all network connections. The S (Shield) terminal is not connected under normal circumstances.

SMA COAXIAL CONNECTOR

This is located on the left hand face of the case. This an aerial connection point. The unit is normally supplied with a short length of suitably terminated coaxial lead and a matched aerial. This should be mounted on the outside of the enclosure used to house the unit and connected to the unit via the cable supplied.

Please note: Alternative aerial configurations are available with connection leads made to suite. Please contact Elcomponent for further details.