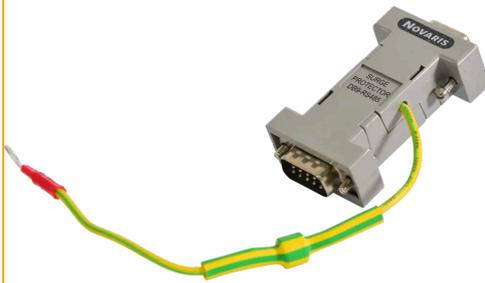


DB9-RS485



Install

Before Installation

Novaris serial port protectors are designed to be installed in series with the serial port of equipment to be protected and the serial port cable. If a long cable run is necessary, for effective protection a protector should be used at both ends of the cable run.

Prior to installation, ensure the equipment is using the specified communication protocol. Continued over voltage may damage Novaris serial port protectors.

Installation

The serial port protector is designed to be connected directly to the equipment it is to protect via one of its connectors. The incoming cord should then be connected to the other connector on the serial port protector.

If the method above is not practical, a short serial cord may be connected between the serial port protector and equipment to be protected. This cord should be kept as short as possible.

Each protector must be earthed to the same point as the equipment to be protected. Earthing is achieved by connecting the protector's integral earth lead to the chassis of the equipment to be protected. Connection is by way of a 4mm ring lug, which may be affixed to the frame of the equipment or common earth.

After installation

Check the installation by testing that the equipment is still operating correctly.

Novaris serial port surge protectors are extremely robust and require very little maintenance. However, they should be inspected periodically to ensure they are operating correctly.

If a defective device is detected it should be returned to Novaris for replacement.

Specifications

Electrical Specifications

Connection type		Series
Maximum continuous voltage (AC)	U_c	5V
Earthing		90V isolation

Mechanical Specifications

Minimum operating temperature		-40°C
Maximum operating temperature		70°C
Minimum operating humidity		5%
Maximum operating humidity		95%
Mounting method		Free
Environmental rating		IP20