

# Installation Note

## 4239 Communications Module Case

IN036

The 4239 Communications Module Case is provided with its lid unattached. A pack of four screws is provided to attach the lid after the Comms module has been installed and connected. The 4239 Comms Module Case contains a PCB whose CONN1 connector joins to the Comms module. Note that the Comms module must be purchased separately.

### Installation and connection

1. Fit the Comms module by pushing it onto the CONN1 connector on the PCB in the case and fixing it in position by doing up the captive screws in the module's fixing plate.
2. Passing the cable through the cable gland in the face of the case, connect a 12V DC power supply to CONN2 on the PCB in the case.

Pin	Function
0V	Ground (DC -ve input)
VIN	+12V DC input
E	Safety earth

As shipped, 0V and E are linked together via LK1. If you are connecting the E terminal of CONN2 to a separate earth, such as mains earth, you should change the position of LK1 to isolate the safety earth from 0V.

3. Passing the cables through the cable gland in the face of the case, connect the Comms module in the correct way for your configuration, as described in the Comms module installation note IN018.

### Setting up the Comms module (see IN018 or HB02/57 for full details)

Set the address of the Comms module on its rotary switch and write the switch setting on the ADRS label on the face of the case.

JU2 and JU3 select RS485 or RS232 communication upstream and downstream respectively.

JU1 and JU4 provide baud rate selection upstream and downstream respectively.

### Fitting the lid and feet to the case

Using the four screws supplied, fit the lid to the case. Stick the four self-adhesive feet to the underside of the case.

### POWER and RESET

The POWER LED on the case lights when 12V DC power is supplied to the Comms module. The RESET button makes the Comms module generate a new polling list.