

# Cable Shield Installation

The Cable Shield kit (020-637) is ONLY available to panels installed with a **394-191 Issue 6** or later panel PCB assembly. It provides protection for the cables entering back box and connecting at the terminal blocks along the bottom edge of the PCB assembly.

**Note:** When stated, refer to the appropriate product **Installation, Commissioning & Configuration Manual**.



**WARNING** - Make sure you have a PC back-up of the current configuration data and ALL power to the panel has been disconnected.



## ATTENTION

OBSERVE PRECAUTIONS  
FOR HANDLING  
ELECTROSTATIC  
SENSITIVE  
DEVICES

Your kit PN: 020-637 should contain:

Cable Shield	PN: 220-936-009
2 x M4 x 8 SEMs	PN: 776-042
2 x Cable Ties	PN: 233-144
2 x Anti-Static Warning instructions	PN: 997-180

## Check your equipment....

Take suitable anti-static precautions, such as wearing a grounded wrist strap, when following ALL instructions. Remove all packaging from the equipment and ensure that it has not been damaged in transit (and that no items are missing - see checklist on the left) before proceeding any further. If no damage is evident, proceed using the instructions below. In the unlikely event that damage has occurred or items are missing, DO NOT PROCEED, contact your supplier and refer to **Installation, Commissioning & Configuration Manual**.

## Fitting the Cable Shield

To fit the Cable Shield to the back box installed in its chosen location, proceed as follows:

- 1 Remove the cover, refer to **Installation, Commissioning & Configuration Manual**, to expose the panel electronics. Disconnect the battery interlink wire from the batteries and isolate the mains supply.

**Note:** The blade connection to earth incorporates a locking barb. To remove this connection, pull the shroud (B), NOT the earth wire from the earth blade terminal (A) - see View A.

- 2 At the PCB assembly, note cable polarity and connections of all cables in use. Using a screwdriver loosen all the connector securing screws. Carefully secure all cable tails away from within the back box ensuring the cables do NOT obstruct the installation of the Cable Shield.
- 3 Remove the PCB assembly, refer to **Installation, Commissioning & Configuration Manual**, and store in a safe place.
- 4 Carefully remove the required amount of knockouts from the back box, and install the cables. Leave the cable tails long enough to easily terminate at the correct termination blocks along the bottom edge of the PCB assembly.
- 5 Select all cables that are to be terminated at the connections along the bottom edge of the PCB assembly and loosely secure with the cable ties provided.
- 6 Locate the Cable Shield over the cables in the back box and;
  - i Align the two (2) holes in the Cable Shield with the two (2) in the back box.
  - ii Secure Cable Shield in position using the two (2) SEM screws.
- 7 Observing ALL safety and anti-static precautions install the PCB Assembly and cables, refer to **Installation, Commissioning & Configuration Manual**. Ensure all cables are connected with the correct polarity and to the correct terminal block on the PCB Assembly.

