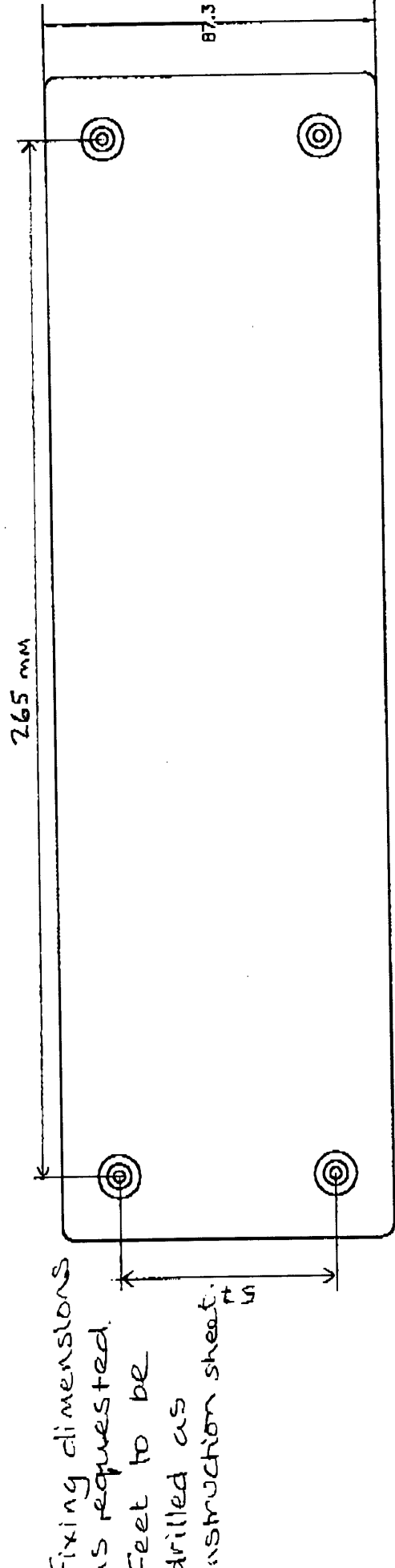
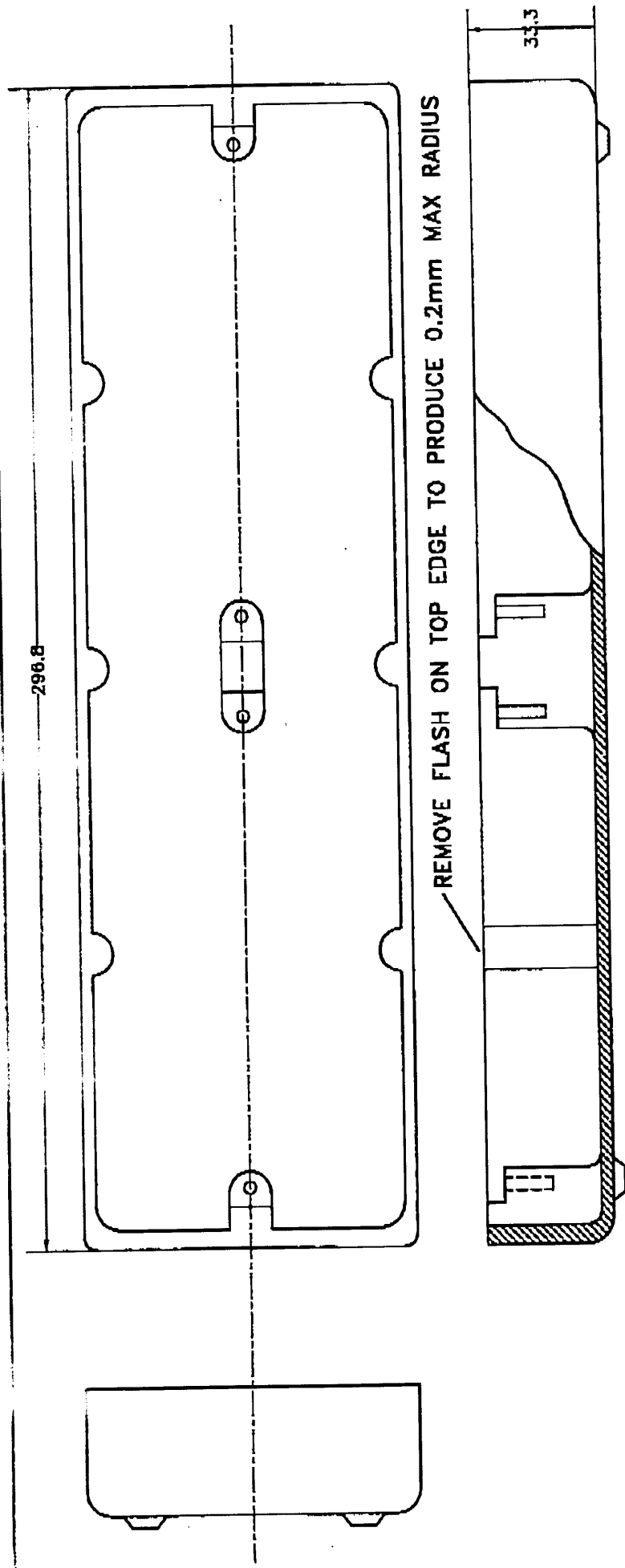


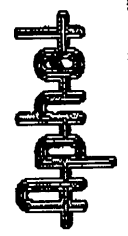
147-001

DO NOT SCALE



Fixing dimensions
as requested.
Feet to be
drilled as
instruction sheet.

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DESCRIPTION		
MINI-BOARD -BASIC OUTLINE		
DRAWING NUMBER	DRAWN BY	CHECKED
C2002B	HGH	HGH

THIS IS A CAD GENERATED
PLOT. REFER TO COMPUTER
FILE FOR MASTER

TOLERANCES UNLESS OTHERWISE STATED		
0.00	0.01	0
0.1mm	0.125mm	1mm

DATE	ISSUE
5/1	03

147-001

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Conduit connection

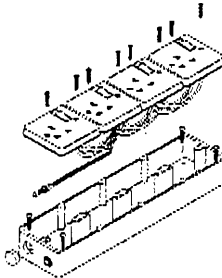
Remove the blanking plug or cable gland and couple the conduit using appropriate 20mm fittings. Wire as detailed previously ensuring incoming cables do not chafe on any sharp edges on the tube. Where metal conduit and MCCC cable systems are used, a reliable connection should be made between conduit, armour or sheathing and the socket group earth. In the above type of installation earth continuity should be maintained by metal bonding where the insulated case breaks continuity.

RECOMMENDED FIXING METHODS

Wall fixing - front access

Drill 5mm hole through centre pop in 4 raised feet on underside.

Use screws provided for fixing (units without cord set only)

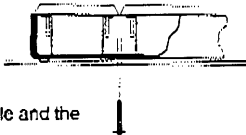


Blind fixing - rear access

Drill 3.9mm dia x 25mm deep holes into main socket mounting pillars along centre line of case, on the intersection of each socket pair.

Drill 5mm dia clearance holes in mounting panel.

Drill clearance hole 12mm dia x 4mm deep for the raised feet to allow the moulded case to sit flush on the mounting panel, alternatively use a 3.5mm spacer washer between the mounting hole and the panel.



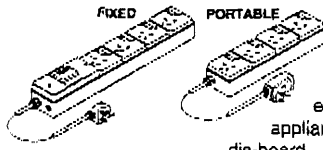
The hole suits a No 8 AB self tapping screw. Length of screw must not exceed thickness of panel + 25mm

Note : Correct alignment, drill sizing and screw type is critical for this fixing method. Do not overtighten the screw as this will cause distortion of the dis-board case.

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ADDITION INFORMATION



RCD types

Residual Current Devices (RCD) give added protection from the risk of electrocution resulting from faults in the appliances which have been plugged into the dis-board.

Two types of RCD are fitted to dis-boards. Where the dis-board is fitted with an on board RCD these units must be used in **FIXED INSTALLATIONS ONLY**. Units fitted with RCD plugtops are designed for portable use.

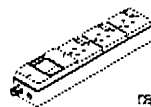
Where fixed units are wired using conduit connection, the earth connection should be taken directly to the socket group and line and neutral polarities observed.

Testing : To retain effective protection the RCD must be regularly tested using the **TEST** button which should cause the RCD to trip, if it fails to trip the RCD is faulty and should be replaced.

Resetting : The plugtop RCD must be removed from the supply socket and re-inserted before attempting to **RESET**. On-board RCD units may be reset by switching back to the **ON** position.

Note : Plugtop RCDs automatically trip in the event of supply loss and must be **RESET** after such an event.

DIN 43880 types



Units supplied with housings to DIN 43880 accommodate devices up to 4 modules wide on the symmetric 35mm DIN rail. If using less than 4 modules width blank unused sections with the plates provided. General connection details are given below, for specific connection detail refer to the instructions provided with the DIN module. Ensure power is disconnected before removal of DIN cover plate and that plate is refitted before applying power.

Connect the **Earth** to the DIN rail earth terminal and if required to the fitted component with a separate wire.

Connect the **Neutral** to the DIN rail neutral terminal and fitted component where