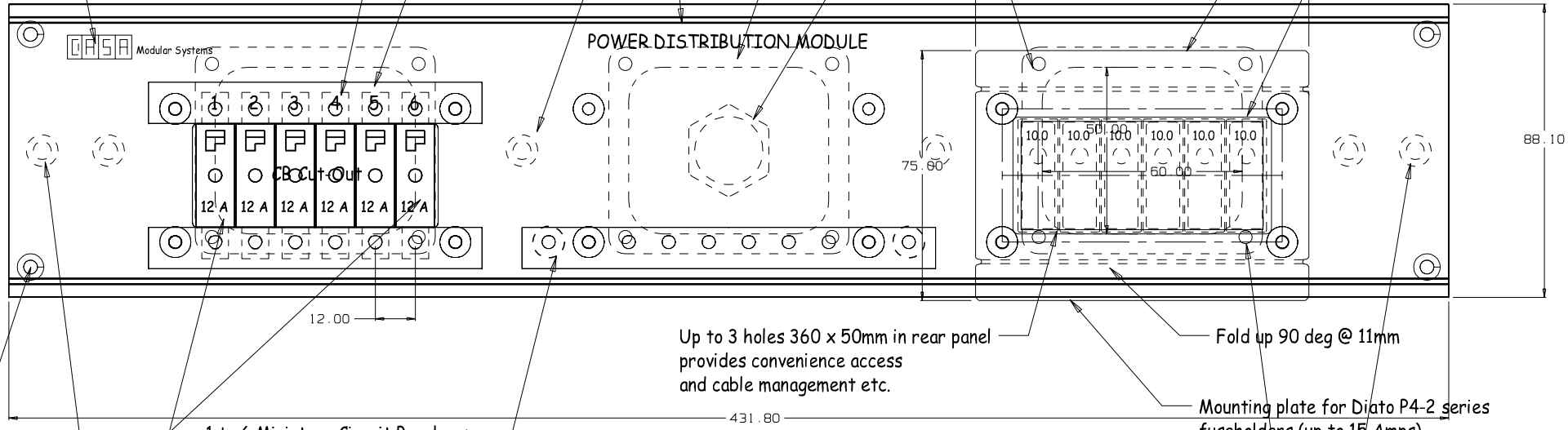
c 05/12/09

# CASA 2U x 100mm deep DC Distribution Rack Module Kit conceptual / notional options for front and rear panels.




4 x 5.4mm holes for M5 tapped 10~12mm OD spacers to support optional internal and/or external DIN rails for accessories.

3 x back-panel hatch-doors with various cable entry options in the 1.2mm thick cover plate (refer to separate drawings for typical items)

Up to 3 x circuit-breaker sub-assemblies with various cable termination styles including:
- 1/4" QuikTab (straight or angled)
- M4 pre-insulated ring terminals
- external screw-terminal strips
- external DIN rail terminal strip
- internal DIN rail terminal strip

Product Ttile screen printed

Typical Cable-Clamp PG13.5 input-output gland

PLT-100x75-MS12-DiatoP4-2 (blank to be folded & plated)

CASA Logo screen-printed

Optional Numbers - engraved or screened (quantity justified)

Fold up 90 deg @ 11mm

Up to 6 x Diato P4-2 fuseholder/sockets

Up to 3 holes 360 x 50mm in rear panel provides convenience access and cable management etc.

Fold up 90 deg @ 11mm

Mounting plate for Diato P4-2 series fuseholders (up to 15 Amps) See separate drawing for and/or UP series (up to 50 Amps)

1 to 6 Miniature Circuit Breakers E-T-A series 129 or similar 3~25A (28~50Vdc or 250Vac CSA/UL)

Ground-Connection (option) install FH-M5-10~16mm stud projecting outside the rear panel

4 x FH-M4-6Zi PEM studs for rear-access/cable-entry panel retained by M4 nuts and appropriate washers .

Optional Brass-Bus-Bar with M5 (or M6) PEM HFHB-M5-20 Phosphor-Bronze studs at each end to provide a single high-current common connection and ganging with adjacent/multiple 6 way CB groups.

Ground-Connection (option) install FH-M5-10~16mm stud projecting outside the rear panel

Removable front-module panel (4 screws) gives front-of-rack access to the whole assembly for test and measurement or servicing etc.

| MATERIAL |
|---|
| Extrusion No.xxxx |
| ALLOY 6063-T5 |
| EST. AREA 265 mm |
| EST. WEIGHT 2.80 kg/m |
| EST.PERIPHERY EXT: 354 mm TOT: 354 mm |
| TOLERANCE 0.00mm ±0.1mm 00.0mm ±0.25mm 0000mm ±0.5mm 0-600mm ±0.1mm > 600mm ±0.5mm BS1474:1987 APPLIES UNLESS OTHERWISE SPECIFIED |
| JOB No. XXXX |

| No | REVISION DETAIL | DRAWN | DATE | APP'D |
|---|---|---|---|---|
| 3 | | | | |
| 2 | | | | |
| 1 | Diato Fuse-Option plate added | AWD | 19/12/09 | |

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CUSTOMER : CASA Modular Systems
DESCRIPTION : 2U DC Distribution Module Arrangement
DRAWN : A.W.D | DATE : 17/12/09 | APPROVED : ? | DWG. SCALE : 1:1
SIZE A4 | DRAWING Reference No. FP2U-DCDM | ISSUE A

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