

DB PANEL

Power Distribution Panels



- Power Distribution system in 3U high modules
- Wall mounting, Rack mounting, or Portable use
- Stackable modules with easy wiring access
- Fully wired with moving cage DIN Rail terminals
- Optional 3 phase mains cable and plug
- Thermal-magnetic circuit breakers
- MCB, 3 pin ANZ and IEC socket modules
- Customised socket options to order

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THEATRELIGHT NZ

DB PACK AND DB PANEL FEATURES

The DB Pack and the DB Panel system are designed for general power distribution and patch panel use in Theatres and TV Studios.

DB Pack Models

The DB Pack is a 3U high distribution pack which adds MCB protected switchable (non-dimmed) power to a normal dimmer installation. The DB Pack has MCBs on the front with power outlets on the back to match the format of Theatrelight's standard 3U rackmount dimmer packs. The DB Pack can be rack mounted or used as a portable pack when fitted with a 3 phase cable and plug. It is not suited to wall mounting due to the power outlets on the back of the pack.

DBPack/P 3U high, rack mount or portable use, 12 Aus/NZ sockets, fitted 3 phase cable and plug

DBPack/T 3U high, rack mount or portable use, 12 Aus/NZ sockets, mains DIN Rail terminals in/out

DB Panel Models

The DB Panel is a front access only version of the DB Pack designed primarily for wall mounting, but the units can also be rack mounted, or used as a portable pack. Front panels are all 3U high, with 3U or 6 U side panels and optional 3U or 6U high back boxes. Panels A, B, C, D are pictured below.

DB Panel: The DB Panel uses Panels A and B fully wired in a 6U high back box, and is available with a fitted and tested 3 phase 5 pin 32 amp plug on 1.2m of 5 core 6sqmm flexible cable, or DIN rail mount mains terminals. DB Panels can be screwed directly to a wall.

DBPanel/P 6U high with back box for portable or wall mounting, wired cable and 3 phase plug

DBPanel/T 6U high with back box for rack or wall mounting, 5 DIN rail mains terminals in

Individual Wired Panels

Single or double 3U front panels are supplied with 3U or 6U side panels, with mounting ears, but no back box. All panel inputs and outputs are fully wired to DIN Rail moving cage terminals. The third letter of the model number refers to the panels type A, B, C, D pictured to the right

DPA 3U panel type A, 12 x 13amp MCBs, 1 x 3 Phase MCB, 5 terminals in, 36 terminals out

DPB 3U panel type B, 12 x 3 pin Aust/NZ sockets, 36 terminals in

DPC 3U panel type C, 3 x 10 amp MCBs, 12 x 3 pin Aust/NZ 3 pin sockets, 5 DIN Rail moving cage terminals for mains in

DPD/M 3U panel type D, 24 x IEC male plugs fully wired to 72 DIN Rail moving cage terminals (wayline patch panel)

DPD/F 3U panel type D, 24 x IEC female sockets fully wired to DIN Rail moving cage terminals (indent only)

Other MCB and sockets options such as Socapex, Harting etc. are available to customer specification (minimum quantities may apply)

SPECIFICATIONS

HOUSING: 1.5mm zinc coated steel

FINISH: Powder coated satin black.

Custom colours can be supplied for larger orders

INPUT POWER: 90-250 vac, 50/60 Hz

STANDARDS: AS/NZS 3760, CE

DB PACK DIMENSIONS : (3U high, sockets at rear): 440mm wide x 400mm deep x 132mm high, weight 10.5kg

DB PANEL DIMENSIONS: (6U high, sockets at front, with backbox): 440mm wide x 155mm deep x 265mm high, weight 9kg

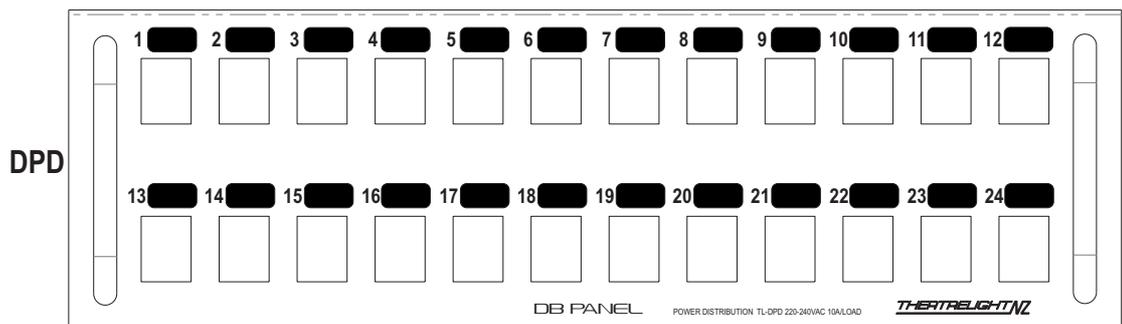
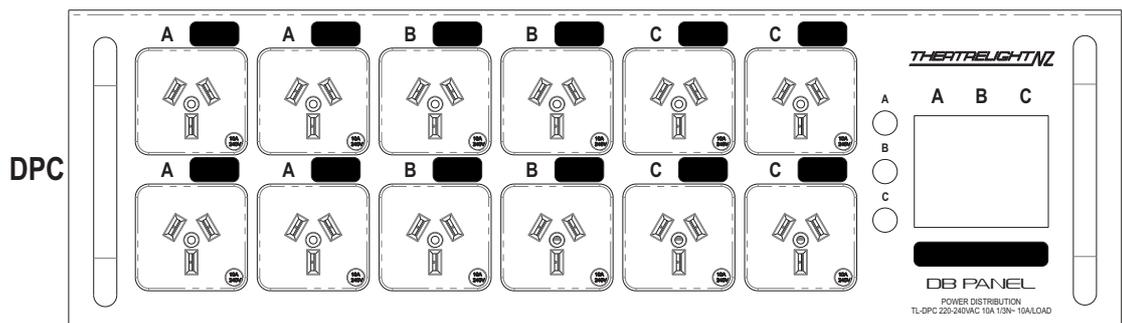
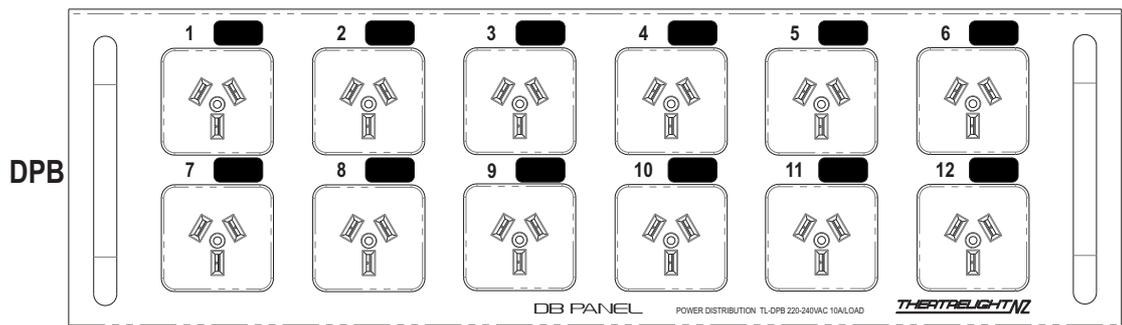
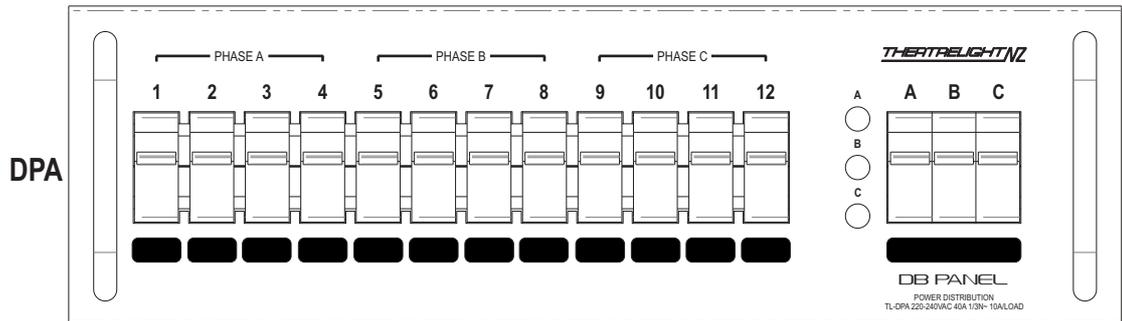
COMPONENTS

These parts allow users to make up distribution panels or boxes to their own specification. As front panels are supplied with either fitted 3U or 6U sides, a back box requires just 2 top/bottom panels, and a 3U or 6U back panel.

DBT	Top/bottom panel, no slot, for use where no wiring to cable ducts is required
DBT/S	Top/bottom panel, with a 75 x 375mm slot for wiring access to a 100mm cable duct
DBT/CP	Cover plate for cable slot in top/bottom panel
DBS3	3U left/right side, with knockout for cable gland
DBS6	6U left/right side, with knockout for cable gland
DBE3	3U mounting ear
DBB3	3U back panel
DBB6	6U back panel

Accessories

RCB30	Single width 30ma RCBO 4.5kA option, wired
RCB10	Single width 10ma RCBO, 6.0kA option, wired
TIECF	Patch cable 1.3m, 10 amp Tapon to IEC female



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