dual A/B selector
Manual V1.0

The 2X A/B module is a passive utility combining two independent "A/B selectors" in a small 2HP form factor. All signals are accepted.

Presentation

1: First stage selector

2: IN (or OUT) connector
3: OUT A (or IN A) connector
4: OUT B (or IN B) connector

5: Second stage selector

6: IN (or OUT) connector
7: OUT A (or IN A) connector
8: OUT B (or IN B) connector

Explanations

A signal entering the central connector (black) can be directed, thanks to the dedicated selector, to one or the other output surrounding it.

Thus, a signal entering in can either be:

- directed to out A
- muted (center position off)
- directed to out B

Normalization: The signal from Part I is routed/multiplied to Part II, if no cable is connected to the middle (black) II connector. Connecting a cable breaks this link.

You can reverse this routing: two different incoming signals on the two connectors flanking the center (black) can be directed, as desired, towards the latter.

These different possibilities make it possible, for example, to compare two different circuits, to use the same filter in turn for two different signals, etc.

This module has the particularity of being reversible, by rotating it 180°, the screen printing remains legible. Thus, for example, it can find its place in a vertical box (with the cables down) or in the upper part of a skiff (with the cables up).

Characteristics

Size 2HP (1 cm), epoxy black panel 1,6 mm.

Deep : 25mm (skiff friendly).

PCB in epoxy FR4 dual layer, 1,6 mm. Surface finish HASL.

Ribbon cable, M3 and nylon nuts inc.

No consumption (passive module)

Components tested and assembled by hand, in Brittany, France.

thank you for your trust
Feel free to give me your opinion, criticism or wishes ...
Other modules are coming

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