

High EMC security for ultimate requirements

EMC cabinet DB100

This EMC cabinet DB100 is especially designed for the application of 19" components that have to be extraordinarily shielded against electro-magnetic interferences.

An attenuation of 80 dB in a frequency spectrum of 100 MHz up to 1 GHz (acc. To MIL requirements zone 1) is obtained by:

- double shell doors and side panels
- lacquer free conducting inside (corrosion prevention due to fully zinc plated metal parts)
- door sealing with contact springs and gauze sealing (fig.1)
- side panels circularly screwed and sealed twofold with EMC gauze (fig.2)
- ventilation by combs (490 x 120 mm fig.3). Ventilation unit can be screwed to the comb if needed.
- power supply by high-quality and powerful filters (fig.4)
- fibre-optic cables inserted through high strength cable tubes (fig.4)
- data cables (copper) inserted through high strength cable tubes and EMC fittings.

External sizes standard cabinet:
H=2100 x W=800 x D=800 mm, 42 U

Finish:

RAL 7035 light grey

Other sizes and colours available on request.

Order no.
31-2950-00



Delivery

Item	Pc.	Description
1	1	19" level in front and rear
2	1	Cabinet lamp with magnetic fixing and socket
3	2	Socket strips with 6 push sockets with overload protection and HF filter
4	10	Cable clamps

Item	Pc.	Description
5	6	Cable bars
6	1	Potential equalisation bar 1000 x 10 x 3 mm
7	30	High strength cable tubes for cable entry
8	1	line filter

apraNET network technology division of apra-norm Elektromechanik GmbH

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fig. 3



fig. 1



fig. 4

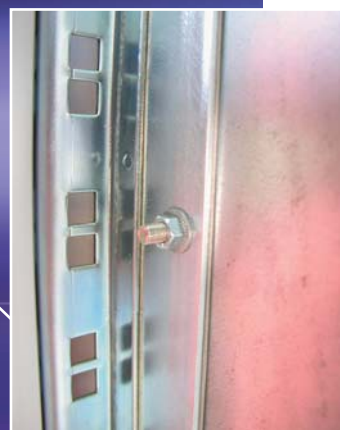


fig. 2

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