EMC cabinet "DB100"

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 zinced 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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Subject to technical modifications

17.09.2003

... the perfect shell for valuable electronics

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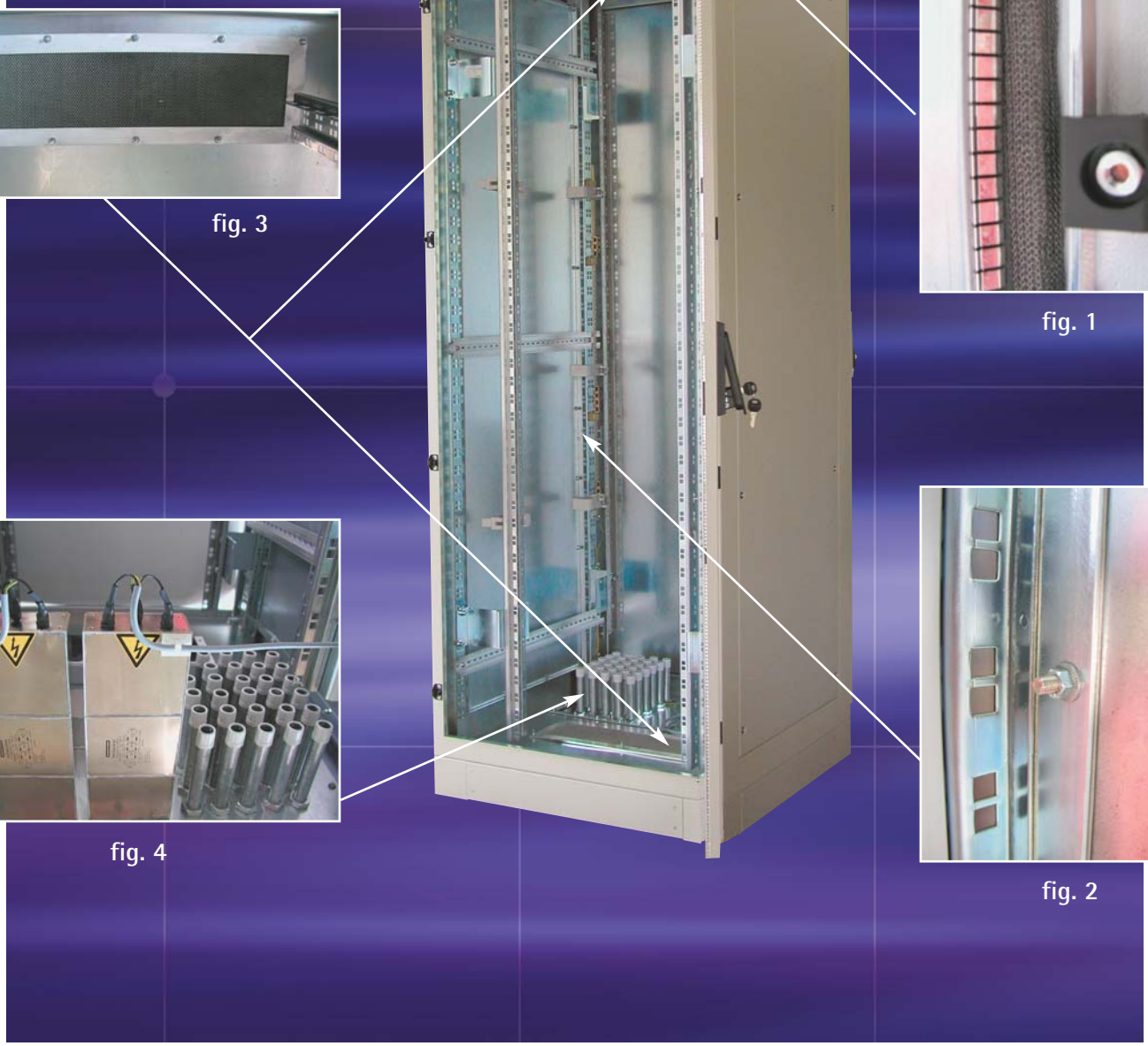

fig. 3

fig. 1

fig. 4

fig. 2

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