

12 DAL 03 ANALOG LINE CARD

FOR 12 ANALOG INTERCOM STATIONS

The analog line card 12 DAL 03 serves to receive and output AF signals as well as to read in and output 60 V line signals.

Thus, it forms the interface to analog intercom stations, amplifiers, tone generators, voice memories, etc.

Furthermore the linecard 12 DAL 03 is controlled by the DXC controller.



- Management of up to 12 analog intercom stations
- Management of up to 48 line inputs/outputs
- Protected line outputs against short circuits and overvoltage
- One green LED per each intercom station to indicate incoming and outgoing AF signals
- Red LED indicates failures
- Hot swapping of the line card

ADDITIONAL FEATURES

Galvanic separation between transmission lines and electronics

Digitizing of the incoming AF signals and through-connection of the PCM data to the DXC controller (and vice versa)

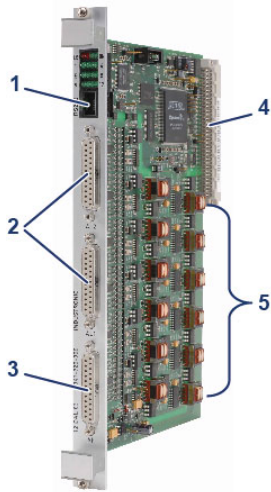
HDLC interface for the communication with the DXC controller

Easy to service connection of intercom stations by three 25-pin Sub-D plugs at the front plate

MECHANICAL DATA

Height x depth	233 mm x 160 mm (9.17" x 6.30")
Dimensions of the front plate	6 RU, 4 HP
Weight	Approx. 0.8 kg (approx. 1.76 lbs)
Plug types	PC612-C64/Sub-D 25

FRONT



- 1 1 x RS232 as service interface
- 2 2 x 25-pin Sub-D female connectors for control lines
- 3 1 x 25-pin Sub-D female connector for AF signals
- 4 1 x bus interface
- 5 Transformers for galvanic separation for each AF channel

ELECTRICAL DATA

Operating voltage of the control electronics	5 V
Current consumption	0.3 A
AF input voltage	0 V _{SS} to 3.5 V _{SS}
Input impedance	Approx. 5.000 ohms
AF output voltage	0 V _{SS} to 3.5 V _{SS}
Output impedance	300 ohms
Operating voltage of peripherals	48 V to 72 V
Max. current via central tapping of AF transformer	350 mA
Max. total current per 8 lines	350 mA
Min. input voltage to detect a line as active	38 V

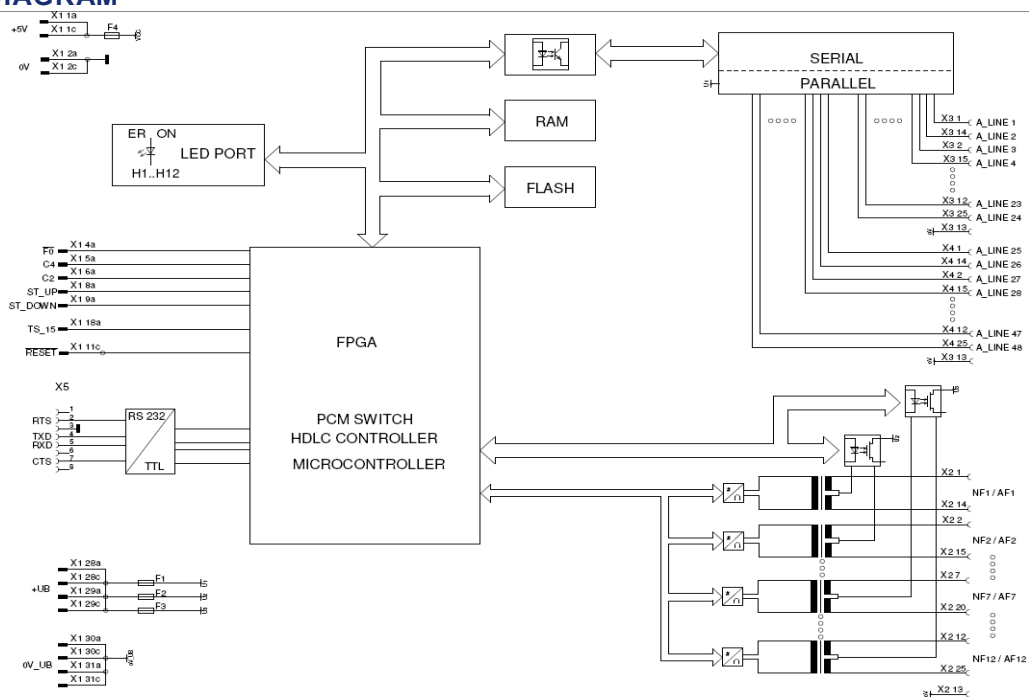
ENVIRONMENTAL REQUIREMENTS AND STANDARDS

Ambient temperature during operation	-5 °C to +50 °C (+23 °F to +122 °F)
EMC	IEC/EN 61000-6-2, IEC/EN 61000-6-4

ORDER DATA

Type number	341-720-300
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CIRCUIT DIAGRAM



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