

12 DDL 02

## DIGITAL LINE CARD

### FOR 12 DIGITAL INTERCOM STATIONS

The digital line card 12 DDL 02 serves as interface between the digital intercom stations and the DXC controller and passes on the digitized AF signals as well as the control signals.

Furthermore, the 12 DDL 02 supplies the connected intercom stations with power



- Management of up to 12 digital intercom stations
- Permanent monitoring of the connected intercom stations and connection cables (interruptions, short circuits)
- Green LED to indicate operation, red LED to indicate failures
- One green LED per each intercom station to indicate incoming and outgoing AF signals
- One red LED per each intercom station to indicate specific intercom station failures
- Hot-swapping of the line card

### ADDITIONAL FEATURES

Digital line interface for each connectable intercom station to transmit the digitized AF signals and control signals

Galvanic separation between transmission lines and electronics

HDLC interface for the communication with the DXC controller

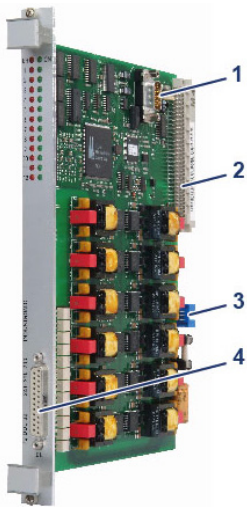
Supply of the intercom stations with max. 100 mA

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

### MECHANICAL DATA

Height x depth	233 mm x 160 mm (9.17" x 6.30")
Dimension of the front plate	6 RU, 4 HP
Weight	Approx. 0.5 kg (approx. 1.1 lbs)
Plug types	PC612-C64/Sub-D 25

## FRONT



- |   |                                   |
|---|-----------------------------------|
| 1 | 1 x RS232 as service interface    |
| 2 | 1 x bus interface                 |
| 3 | Plug-in slot for software updates |
| 4 | 25-pin Sub-D female connector     |

## ELECTRICAL DATA

Operating voltage of the control electronics	5 V
Current consumption	0.4 A
Service interface	RS232
Operating voltage of the intercom station terminal	48 V to 72 V
Max. admissible feeding current	100 mA
Short circuit current	350 mA

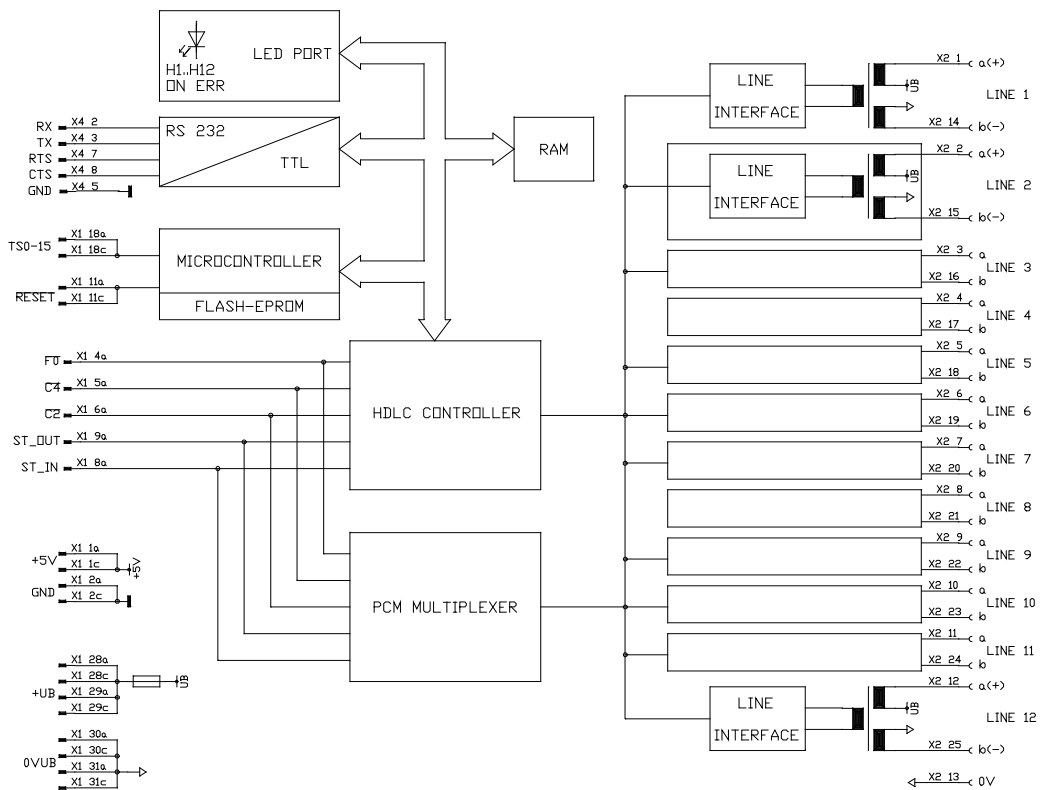
## ENVIRONMENTAL REQUIREMENTS AND STANDARDS

Ambient temperature during operation	0 °C to +50 °C (+32 °F to +122 °F)
EMC	IEC/EN 61000-6-2, IEC/EN 61000-6-4

## ORDER DATA

Type number	341-710-200
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## CIRCUIT DIAGRAM



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