

DCN distributed communication system

DCN-15A Analogue subsystems module

RMLT. 465275.001



The DCN-15A Analogue Interface Module is a compact 15-channel converter of the digital interface E1 into analog low-frequency communication lines and discrete I/O lines to provide communication with analogue equipment and receive signals from other systems.

Key features:

- Connection to the system via E1 interface for simplex communication with fifteen subscribers with analogue interface (connected subscriber may have up to eight call keys);
- Construction of multi-channel system of zonal PA/GA (up to 15 channels, maximum eight zones per channel) using power amplifiers and a relays for switching loudspeakers' lines;
- Connection up to 60 discrete control lines for each analogue interface for controlling alarm systems and automation, as well as for indicating various statuses and connection modes (busy, incoming and out-going calls, etc.) on the subscriber unit keys;
- Indication of CPU, E1 stream lines, subscriber unit connection ports, failures, RS-232 interface sockets for computer connection;
- DCN-15A is equipped with polarity protection of power supply connection, overcurrent and overvoltage protection for discrete lines and surge voltage protection for analogue lines.

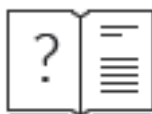
Technical specifications

Supply voltage range	from - 36 V to - 60 V
Maximum power	20 W
Communication interface	E1 (G.703/G.704)
Operating temperature	from - 5 °C to + 55 °C
Relative humidity	up to 80 % at + 25 °C
Degree of protection	IP40
Dimensions	482×243×43 mm
Maximum weight (without connection cable weight)	2.2 kg

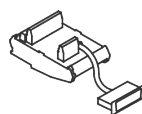
Analogue lines

Number analogue interface lines	15
Rated input and output level of signal	775 mV
Number of lines	60
Input current	max 5 mA
Maximum output current	min 50 mA

Delivery includes



Set of operational documents



DCN-15A connecting cable

RMLT.469413.001



Socket RS 4/3-STF-7,62