

DCN distributed communication system

DCN-2 Central exchange unit

ARMT.665200.003



The DCN-2 is a compact central exchange unit of the Armtel digital Intercom and PA/GA communication systems DCN. The DCN-2 central exchange unit is equipped with 1 to 4 of 4E1 interface boards, each provides the four E1 line interfaces. For each E1 line of the DCN-2 exchange, you can connect a subscribers unit for 15 digital or analogue interfaces, another DCN exchange, or use it as an ISDN PRI line to communicate with an external PBX. Thus, the maximum capacity of the DCN-2 exchange is determined by the number of 4E1 modules installed and can be up to 240 subscribers.



Up to 6,8 kHz bandwidth



Up to 240 subscribers

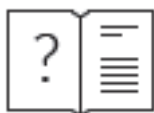
Key features:

- Direct simplex and duplex communication with extended voice signal bandwidth up to 6,8 kHz;
- Free calls to any subscriber or group of subscribers (for devices with a dialer);
- Provision of a group call and multilateral group communication (selector, circular, conference);
- Individual and zone (group) notification of subscribers by loud-speaker communication;
- Free numbering and 255 level of priority for calls between subscribers;
- Manual or automatic broadcasting of audio fragments, alarms, alerts and messages from voice memory;
- Interconnecting of two or more DCN central exchanges into a common communication system;
- Local and remote (via IP-network) monitoring, diagnostics and configuration of the central exchange unit, lines and subscribers.

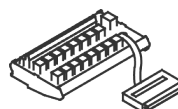
Technical specifications

Operating voltage	from -36 V to -60 V
Maximum power consumption	20 W
Number of E1 ports	from 4 to 16
Communication interface for the subscriber devices	E1 (G.703/G.704)
Communication protocol on the network level	Q.921, Q.931
Operating temperature	from -5°C to +55°C
Air humidity	Up to 80 % at +25°C
Degree of protection	IP30
Enclosure dimensions	483×315×89 mm
Maximum weight	4,4 kg
Redundancy	Dual Hot
LED Indication	Active, Faulty

Delivery includes

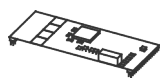


Set of operational documents



DCN-2 connecting cable

ARMT.665200.124



4E1 DCN-2 module

ARMT.665200.125