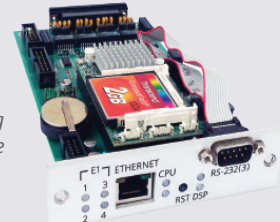


DCN distributed communication system

DCN-16U Digital subscribers exchange unit

ARMT.665200.001



DCN-Q4E switching processor module



DCN-16U digital subscribers exchange unit is designed for operation as a part of DCN digital Intercom and PA/GA system on the basis of DCN-2 or DCN-Q4E switching processor module and provides for interfacing with digital subscriber equipment by Uk_0 -interface. DCN-16U transmits digital data between 15 subscriber Uk_0 -interfaces and E1 line of a central exchange unit. In addition, there is a version of DCN-16U with built-in DCN-Q4E switching processor module.



"Phantom" power supply by Uk_0 -interface line



Up to 6 km distance

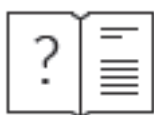
Key features:

- Connection of up to 15 digital subscriber devices to DCN system by the digital double-wire subscriber interfaces Uk_0 at a distance of max. 6 km;
- Local control and diagnostics using two-colour LED indication on the front panel of subscriber interface and E1 line status;
- Creation of low capacity DCN system (up to 15 digital subscribers, expandable up to 60 subscribers when connecting additional DCN-16U), for a version with DCN-Q4E module;
- "Phantom" power supply of subscriber units by Uk_0 -interface line;
- DIN41612C socket for connection of digital subscribers, a group of phantom power fuses, strip of jumpers for power supply to subscriber units;
- DRB-25FA socket for 4 E1 lines connection cable of DCN-Q4E module, if installed, on the back panel;
- The connection cable is equipped with screw terminals for connecting lines of subscriber Uk_0 -interfaces that are located on a DIN-rack mountable board. There are failure signal relays on the cable board.

Technical specifications

Supply voltage range	from - 36 V to - 60 V
Max. power	20 W
Number of subscriber unit connected	max 15
Communication interface for the subscriber devices	Uk ₀
Communication interface for connection to central exchange unit	E1 (G.703/G.704)
Subscriber signalling protocol	Armtel
Operating temperature	from -5 °C to +55 °C
Relative humidity	Up to 80 % @ +25 °C
Degree of protection	IP40
Dimensions	483×227×44 mm
Maximum weight (without connection cable weight)	2.5 kg
LED Indication	Active, Faulty, Communication

Delivery includes

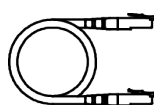


Set of operational documents



Connecting cable for digital DCN-16U subscribers

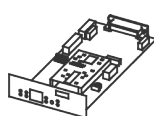
ARMT.665200.102



E1 Connection cable for DCN-Q4E (for versions with DCN-Q4E)
ARMT.665200.139



Socket RS 4/3-STF-7,62



DCN-Q4E (4x E1) switching processor module (**only** built-in in -01 version)
ARMT.665200.010