DCN distributed communication system

DCN IP-Gateway

ARMT.665230.137

III   EAC   ISDN   SIP   IP

1 DCN IP-gateway is a commutation device, performing the conversion and matching of digital data flows and voice connection protocols between the subscribers of DCN digital communication system or the subscribers of third party automatic branch exchange (ABX) connected via E1 line and IP-devices of digital dispatch system IPN produced by Armtel, or between SIP-devices and IP-ABX.

Key features:

Functional options of DCN IP-gateway module are determined by the version of installed software:

- **E1/IPN**
  Module of DCN IP-gateway with software E1/IPN is for integration of the digital operative-technological PA/GA communication systems DCN and IPN produced by Armte

- **E1/SIP**
  Module of DCN IP-gateway with software E1/SIP is for communication of the subscribers of the digital operativetechnological PA/GA communication system DCN with the devices of SIPtelephony, such as SIP-telephones and IP-ABX, as well as for arrange-ment of communication between DCN central exchanges via IP-network
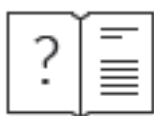
- **E1/FTP**
  Module of DCN IP-gateway with software E1/FTP ARMT.665230.137.001-02 is for arrangement at external FTP-server of the storage of audio information, transmitted via E1 stream from the digital operative-technological PA/GA communication system DCN. This storage is used for realiza-tion of special communication functions, performing record and playback of speech fragments.
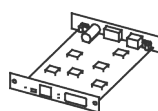
Technical specifications

Operating voltage	from -36 V to -60 V
Maximum power consumption	12 W
Capacity	15 or 30 channels
Communication interface	E1,100BaseT Ethernet
Communication protocol	Armtel DSS, EDSS1, SIP, HTTP
Codec for transmission of audio data	G.711u, G.711a
Operating temperature	from -5°C to +55°C
Air humidity	Up to 80 % at +25°C
Degree of protection	IP40
Enclosure dimensions	482×186×44 mm
Maximum weight	1,8 kg

Delivery includes

Set of operational documents

DCN IP-module (E1/IPN, E1/SIP, E1/FTP)

ARMT.665230.137.001
ARMT.665230.137.001-01
ARMT.665230.137.001-02

Socket for connection PC 4/3-STF-7,62