DCN distributed communication system

# **DTS5** Multifunctional desktop digital phone

ARMT.665230.403



ISDN   EAC   III

DTS5 multifunctional desktop digital phone is designed for use as a subscriber device at industrial and transportation sites within Armtel DCN Intercom and PA/GA system. DTS5, connected to the central exchange of the DCN system, provides all types of telephone communication. Depending on the configuration and programming, automatic connection to various communication systems and all types of subscriber devices is supported. DTS5 can be used as a standalone phone that performs all various functions of digital telephony.

**6,8 kHz** Up to 6,8 kHz bandwidth

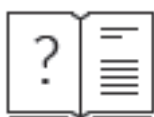"Phantom" power supply by $Uk_0$-interface line

### Key features:

- Use as a stand-alone phone (all functions of digital telephony) or simplex / duplex multifunction subscriber unit;
- 20 keys dial pad;
- Connection of up to 4 additional DIS key expansion units, up to 48 keys each;
- Simplex and duplex communication using handset or headset;
- Two-way loud-speaking simplex and duplex communication with the help of integrated speakerphone;
- Extended voice signal bandwidth up to 6.8 kHz;

- Display of DTS5 number, date, time and infirmation about  incoming and outgoing calls;
- Configuration of operation parameters using a display and functional keys;
- Volume control of integrated loudspeaker and a handset speaker;
- Possibility of "phantom" power supply by Uk0-interface line.

## Technical specifications

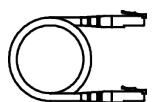| | |
|---|---|
| Operating voltage | from -36 V to -60 V |
| Operating / maximum consumption current | 45 mA / 110 mA |
| Sound signal bandwidth | from 300 Hz to 6800 Hz |
| Communication interface | $Uk_o$ |
| Communication protocol | Armtel |
| Power amplifier | 0,85 W |
| Operating temperature | from -5°C to +55°C |
| Air humidity | Up to 80 % at +25°C |
| Protection level as per GOST 14254-2015 | IP40 |
| Seismic resistance category | I |
| Safety class according to NP-001-15 | 3H |
| Electrical safety class as per IEC 61140-2012 | III |
| Dimensions | 247×200×101 mm |
| Maximum weight | 1,1 kg |

## Equipment
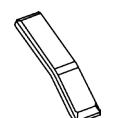
Set of operational documents

1x8P8C socket for connection

Patch cord

DTS5 handset
ARMT.665230.403.003

## Order data

| Type number | Description |
|---|---|
| ARMT.665230.403 | DTS5 Multifunction Desktop digital phone |
| **Accessories** | |
| ARMT.665230.207 | DIS Expansion unit with 8 keys |
| ARMT.665230.207-01 | DIS Expansion unit with 16 keys |
| ARMT.665230.207-02 | DIS Expansion unit with 24 keys |
| ARMT.665230.207-03 | DIS Expansion unit with 32 keys |
| ARMT.665230.207-04 | DIS Expansion unit with 40 keys |
| ARMT.665230.207-05 | DIS Expansion unit with 48 keys |