

DCS15 VARIODYN D1 DIGITAL CALL STATION

- Call station for control and transmission of announcements
- Programmable push-button(s) for various functions
- Electret swan-neck microphone
- Optional fiber-optic connection for lines of up to 20 Kilometers
- Constant monitoring of the microphone and the line to the DOM
- Talk-back function with other communication stations via integrated loudspeaker
- Additional audio input/output (only DCS15); for example, for audio devices such as CD players
- Included in the EN54-16 approval of the VAPA system VARIODYN D1
- Redundant cabling*



Application

The digital call stations DCS15 and DCS2 with the digital keyboard module DKM18 allow the selection of loudspeaker circuits, the transmission of voice announcements as well as various gongs and alarms. The communication terminal is connected to an available DAL databus (Digital Audio Link) on the DOM (Digital Output Module) via a standard Cat5 cable. All control signals as well as all audio signals are transmitted digitally.

The callstation can be connected with

the system by a single or redundant cabling*. This functionality can be programmed by the programming tool "Designer".

Description

Up to 4 digital call stations can be connected to one DOM. Each digital call station in the system can generate and receive different voice transmissions and control signals independently. A digital call station can be located up to 300 m away (can be increased to 20 Kilometers by using fiber-optic cabling) and can be

expanded with up to six digital keyboard modules DKM18, where by the total number of available keys and LEDs increases to 120 per communication station. The function of the microphone in the digital call station is permanently monitored. The DCS15 provides an additional external audio input and output, which can be used to connect audio devices such as CD players. A 3 m long Cat5 cable to connect the digital call station to a wall jack is included.

Models

Digital call station DCS15 12 freely configurable keys (with LEDs), 2 LEDs, 1 microphone 1 loudspeaker, 1 external audio input, 1 external audio output

Digital call station DCS2 one freely configurable key (with LED), 2 LEDs, 1 microphone, 1 loudspeaker

Digital keyboard module DKM18 18 freely configurable keys (with LEDs), connectable

Options

The digital call station and the digital keyboard module can be fitted into the surface of a desk. One table mounting kit per unit is necessary for this.

A transparent keyboard cover is available which will protect 3 horizontally arranged keys from being unintentionally pressed. Protected keys can only be pressed when the cover is raised.

Technical Specifications

| | |
|-----------------|----------------------------|
| Microphone | Electret, cardioid diagram |
| Swan-neck | approx. 250 mm |
| Frequency range | 100 to 15.000 Hz |

Loudspeaker

| | |
|-------|-----|
| Power | 1 W |
|-------|-----|

Audio input

| | |
|--|-----------------|
| Nominal level | 0 dB |
| Max. level | +6 dB |
| Transmission range | 20 Hz to 22 kHz |
| Signal-to-noise ratio | >95 dB |
| Harmonic distortion at the nominal level | < 0,1 % |

Audio output

| | |
|--|-----------------|
| Nominal level | 0 dBu |
| Transmission range | 20 Hz to 22 kHz |
| Signal-to-noise ratio | >85 dB |
| Harmonic distortion at the nominal level | < 0.1 % |
| Output impedance | 180 Ω, |

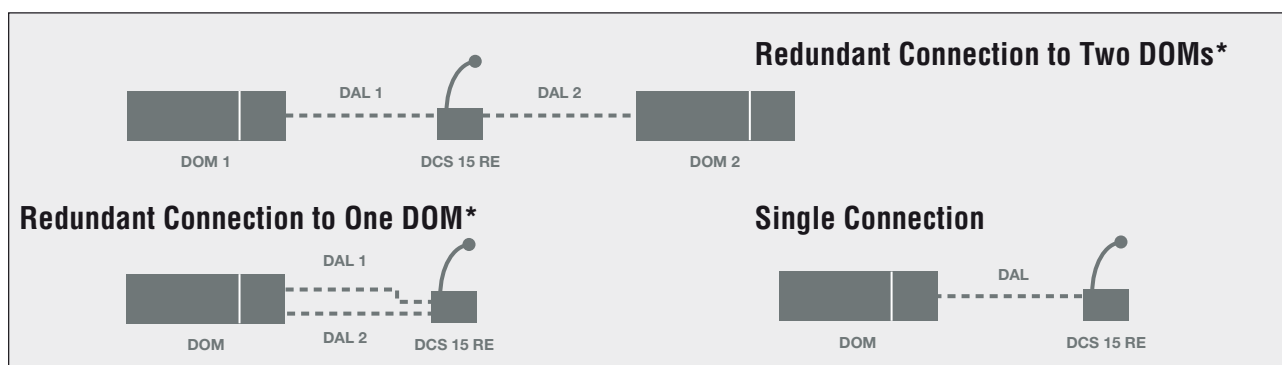
General specifications

| | |
|--|---------------|
| Sample rate | 48 kHz |
| Max. power consumption (average value) | 70 mA |
| AD/DA converter | 24 Bit |
| Ambient temperature range | -5°C to +55°C |

| | |
|------------------------|---|
| Relative humidity | 15 % to 90 % |
| Color | side parts black, similar to RAL 9005, body grey, similar to RAL 7037 |
| Weight: | ca. 1.6 kg |
| Dimensions (W x H x D) | 123 x 71 x 180 mm |

Ordering Information

| Description | Part No. |
|---|-----------|
| Digital call station DCS15 RE | 583501.RE |
| Digital call station DCS2 RE | 583502.RE |
| Digital keyboard module DKM18 | 583506 |
| Mounting set, call station DCS in desk | 583507 |
| Fiber-optic converter OIM | 583316.21 |
| Mounting set, call station DCS in desk Fiber-optic converter | 583317.21 |
| Fiber-optic converter OIM Single Mode | 583316.SM |
| Fiber-optic converter DCS Single Mode | 583317.SM |
| Power supply for FO converter | 583315.02 |
| Wall jack AB | 583307 |
| Sticker call station „Honeywell“ | 583300.HO |
| Keyboard cover (3 keys) | 583311 |
| Key cover set (12 pcs) | 583318 |



Connections

For more information,

<https://honeywellbuildings.in>

Call: 1-800-103-0339

Email: HBT-Indiabuildings@honeywell.com

Honeywell HBT India Buildings

Unitech Trade Center, 5th Floor, Sector-43,

Block C, Sushant Lok Phase - I,

Gurgaon - 122002

DCS15
VARIODYN D1 DIGITAL
CALL STATION