

## VARIODYN D1 Digital Call Station DCSF12 / DCSF1 redundant\*

- ✓ **Paging microphone for control and transmission of announcements**
- ✓ **Programmable push-button(s) for various functions**
- ✓ **Handheld microphone with PTT button**
- ✓ **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 paging microphones via integrated loudspeaker**
- ✓ **Included in the EN54-16 approval of the VAPA system VARIODYN D1**
- ✓ **Redundant cabling\***



### Application

The digital fire men paging microphone DCSF12 and DCSF1 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 digital fire men handheld microphone can be connected with the system by a single or redundant cabling\*. This functionality can be programmed by the programming tool „Designer“.

### Models

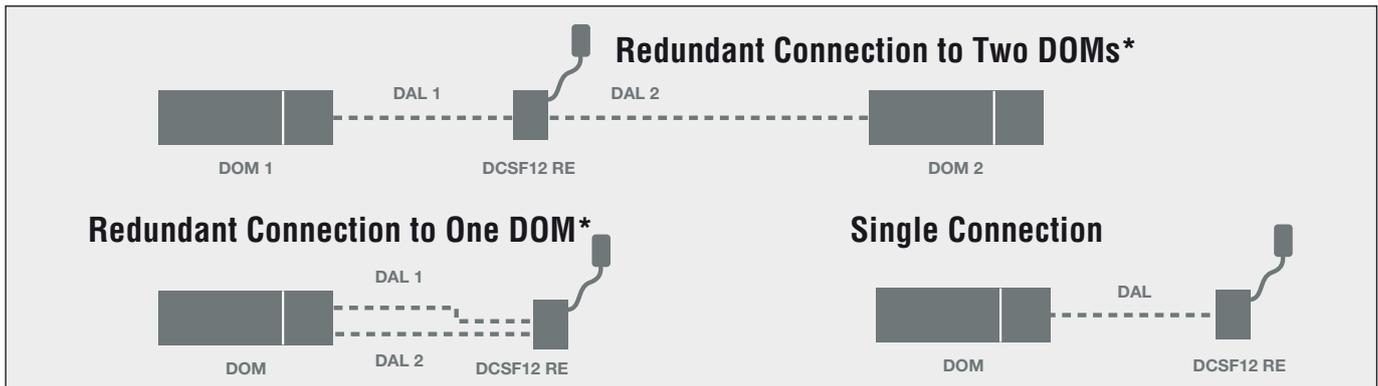
- Digital fire men paging microphone DCSF12  
12 freely configurable keys (with LEDs), 2 extra LEDs,  
1 microphone 1 loudspeaker, 1 external audio input,  
1 external audio output
- Digital fire men paging microphone DCSF1  
one freely configurable key (with LED), 2 extra LEDs,  
1 microphone, 1 loudspeaker
- Digital keyboard module DKM18  
18 freely configurable keys (with LEDs),  
connectable

### Description

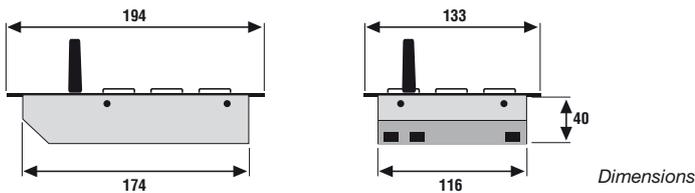
Up to 4 digital fire men paging microphone can be connected to one DOM. Each fire men paging microphone in the system can generate and receive different voice transmissions and control signals independently. A digital fire men paging microphone can be located up to 300 m away (can be increased to 20 Kilometers by using fiber-optic cabling) and can be expanded with up to six digital keyboard modules DKM18, whereby the total number of available keys and LEDs increases to 120 per communication station. The function of the microphone in the digital fire men paging microphone is permanently monitored. A 3 m long Cat5 cable to connect the digital call station to a wall jack is included.

### 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.



Connections



### Specifications

Microphone	Electret, cardioid diagram
Frequency range	200 ... 12500 Hz
<b>Loudspeaker</b>	
Power	1 W

### General specifications

Sample rate	48 kHz
AD/DA converter	24 Bit
Max. power consumption (average value)	150 mA
Ambient temperature range	-5°C ... +55°C
Relative humidity	15 % ... 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)	133 x 40 x 194 mm

### Order information

Order information	Part No.
Digital call station DCSF12 RE	583503.RE
Digital call station DCSF1 RE	583504.RE
Digital keyboard module DKM18	583506
Mounting set, call station DCS in desk	583507
Fiber-optic converter OIM	583316.21
Fiber-optic converter DCS	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

\*This feature is expected for Q4 2015