

## VARIODYN® D1 Digital Fire Control Station DCSF7

- ✓ Fire control PA panel for alert and evacuation announcements
- ✓ Buttons for evacuation, all clear, acoustic off
- ✓ LEDs to signalize – operation, fault, occupied
- ✓ Hand-held microphone with PTT button
- ✓ Redundant cabling possible\*
- ✓ Optional fiber optic connection for lines up to 2,000 m
- ✓ Inspection windows and lockable metal housing
- ✓ EN 54-16 certified
- ✓ Compliant to ÖNORM F 3033



### Application

The digital fire control station DCSF7 is used to select preprogrammed alarm messages and for the issuing of live voice announcements in the event of alarms. The DCSF7 contains a hand microphone and a built-in loudspeaker for listening and pre-listening purposes as well as for bidirectional operation.

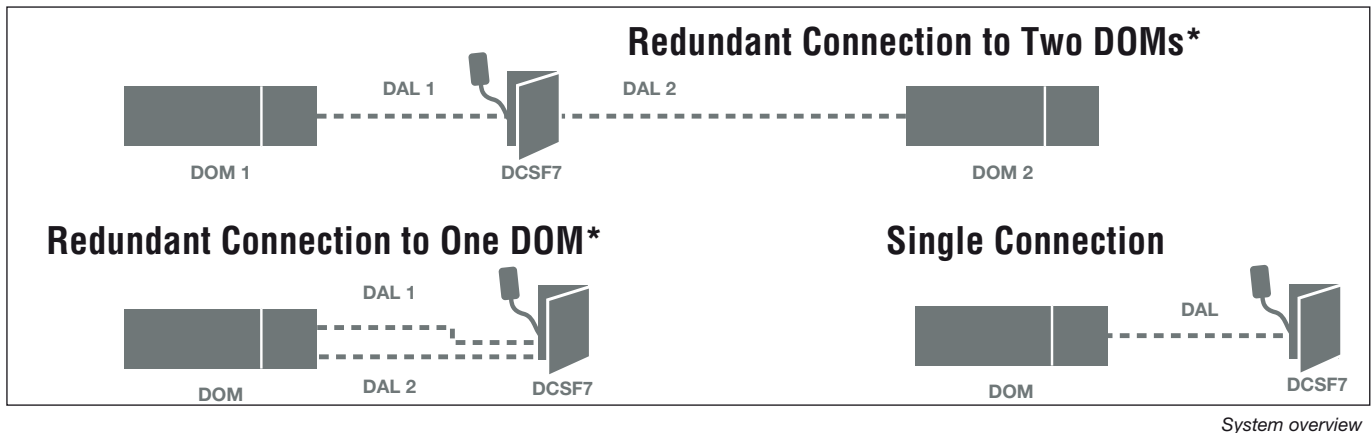
The station is connected via a standard CAT5 cable to a free DAL bus of the DOM. All audio signals as well as all control signals are transferred digitally; the panel is operated at 24 V DC.

### Description

The VARIODYN D1 system can operate many DCSF7 stations at the same time. Together with the VARIODYN D1 system, every fire control station in the system can simultaneously generate different voice transmissions. Thus an optimized evacuation of the building can be guaranteed when necessary.

These voice transmissions are subject to the priorities and the mutual interlocks required by the ÖNORM F 3033 and TRVB 158 S standards. They can be implemented and configured with the VARIODYN D1 system.

One fire control station can be placed up to a distance of 300 m away. A redundant cabling is possible with using of a second DAL bus. The distance can be increased to 2,000 m by using fiber-optic cabling. Communication with the subsequent interface module as well as the acoustic function of the microphone is permanently monitored. A 3 m long CAT5 cable for connecting the fire control station to a wall jack is included.



## Technical data

<b>Microphone</b>	hand-held microphone, cardioid diagram
Frequency range	200 ... 12,500 Hz

## Loudspeaker

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

## General technical data

Sample rate	48 kHz
AD/DA-converter	24 bit
Max. power consumption	70 mA
Ambient temperature range	-5 °C ... +55 °C
Relative humidity	15 % ... 90 %
Color	red, similar to RAL 3000 (housing) white, similar to RAL 9002 (control station)
Weight	approx. 2.0 kg
Dimensions (H x W x D)	300 x 200 x 55 mm
Installation depth	20 mm

## Order information

## Part No.

Fire control station DCSF7	583505.RE
Fiber-optic converter OIM	583316.21
Fiber-optic converter DCS	583317.21
Power supply for FO converter DCS	583315.02
Sticker call station "Esser by Honeywell"	583300.ES
Key cover set (12 pcs)	583318

\*This feature is expected for Q4 2015