



1 DLS 705

# DIGITAL CONTROL UNIT FOR ELEVATOR EMERGENCY CALL SYSTEMS

## EMERGENCY CALL STATION FOR ELEVATORS ACCORDING TO DIN EN 81-28

Together with the optional INTRON-D *plus* software for elevator emergency calls this intercom station provides a certified solution for elevator emergency call systems according to DIN EN 81-28.

The 1 DLS 705 is designed to be mounted on the elevator roof and can be used from there as intercom station for maintenance purposes and emergency calls. Available user controls and indicators inside the elevator car can be used.

Optionally, an additional control unit with button, microphone and speaker can be installed under the elevator car. This enables an emergency communication for elevators with an accessible shaft.



- For mounting inside the elevator car incl. intercom function
- Connections for emergency call controls and indicators in the elevator car
- Optional control unit for emergency calls from the elevator shaft
- Degree of protection IP54
- Robust push button

### ADDITIONAL FEATURES

Housing made of painted sheet steel

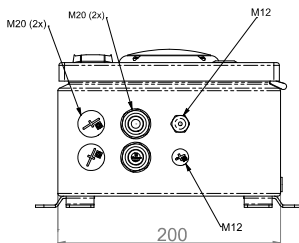
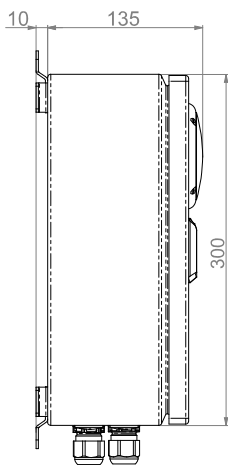
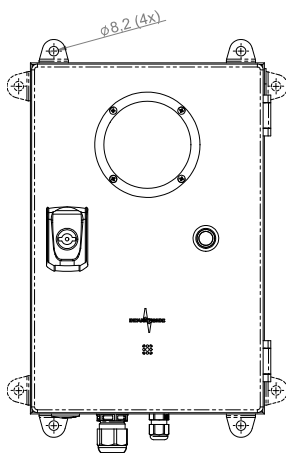
Adjustable speaker volume and microphone sensitivity

Two potential-free relay contacts

### ADDITIONAL ACCESSORIES

Microphone/speaker unit

## DIMENSIONS 1 DLS 705



## MECHANICAL DATA

<b>Width x height x depth</b>	200 mm x 300 mm x 135 mm (7.87" x 11.81" x 5.31")
<b>Cable glands</b>	2 x M20 (cable diameter: 5 mm to 13 mm (0.20" to 0.51")) 1 x M12 (cable diameter: 3,50 mm to 7 mm (0.14" to 0.28")) 2 x M20 blind 2 x M12 blind
<b>Weight</b>	Approx. 4.5 kg (approx. 9.92 lbs)
<b>Color</b>	Light gray (RAL 7035)

## ELECTRICAL DATA 1 DLS 705

<b>Intercom station</b>	
<b>Operating voltage range</b>	42 V DC to 68 V DC
<b>Quiescent current consumption</b>	25 mA
<b>Max. current consumption</b>	80 mA
<b>Max. sound pressure level (distance 30 cm (1 ft))</b>	82 dB
<b>Frequency range</b>	300 Hz to 7,000 Hz
<b>Speaker</b>	8 W / 8 Ohms
<b>Relay contacts</b>	1 A, 90 V DC, 30 W (resistive load)

## Interface to elevator controls

<b>Indicator control</b>	2 outputs 24 V DC (max. 50 mA)
<b>Microphone</b>	Electret type: -35 dB to -42 dB
<b>Speaker</b>	8 Ohms (min 1 W)
<b>Button</b>	NC contact

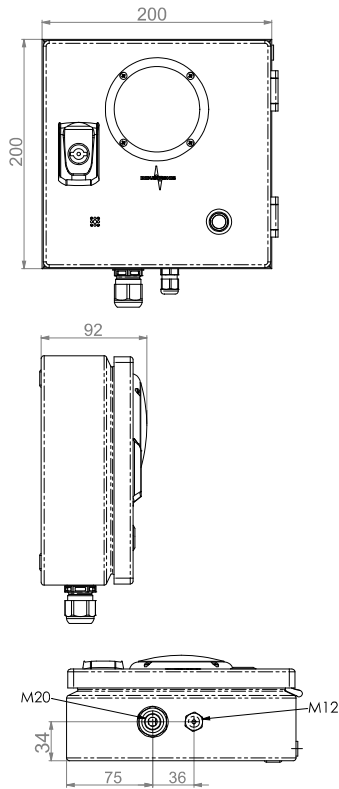
## Interface to shaft control unit

<b>Indicator control</b>	LED without series resistor
<b>Microphone</b>	Electret type: -35 dB to -42 dB
<b>Speaker</b>	8 Ohms (min 1 W)

## ELECTRICAL DATA MICROPHONE/SPEAKER UNIT

<b>Indicator</b>	LED in button
<b>Microphone</b>	Electret type: -36 dB
<b>Speaker</b>	8 W / 8 Ohm
<b>Button</b>	NO contact

## DIMENSIONS MICROPHONE/ SPEAKER UNIT



## ENVIRONMENTAL REQUIREMENTS AND STANDARDS

<b>Ambient temperature during operation</b>	0 °C to +50 °C (+32 °F to +122 °F)
<b>Relative humidity (non-condensing)</b>	Max. 95 %
<b>Degree of protection</b>	IP54
<b>Max. ambient noise level</b>	74 dB
<b>EMC</b>	EN 12016 EN 55032
<b>Safety</b>	EN 62368

## ORDER DATA

Device	Type number
1 DLS 705	301-660-100
Microphone/speaker unit	301-660-900

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