



#### Application

The Controlesta RCO 685D-S is a graphical 10,1" touch operator panel for the building automation system Controlesta RCO. The operator panel connects to the embedded web server of a controller of the RCO 8...D-W, RCO9...D-W series over the TCP/IP network. Animated visualizations for graphical operation, setpoints, time schedules, etc. can be changed, trends can be visualized, alarms are displayed and can be acknowledged.

#### Features

- efficient engineering over the RCO Tool
- Touch operated
- LED-backlight
- Approved to European EMC standards CENELEC EN 50 082-1 and EN 55 011
- CE-Approval

#### Environmental Conditions

Operating temperature	-10 ... 60 °C
Ambient humidity	5 ... 85 % relative Luftfeuchte, nicht kondensierend
Protection class	III

#### Model

Housing	Aluminium, for door mounting
Production	According to ROHS
Dimensions	W x H x D, 294 x 194 x 54 mm
Weight	1750 g

#### Electrical data

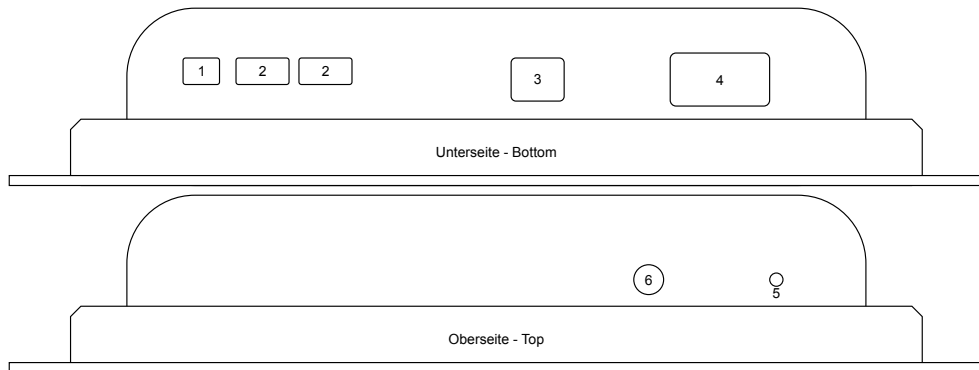
Power supply	via power supply 100-240VAC / 12 VDC Or wide-range input 12-36VDC
Power Consumption	15,0 W
Protection acc. to EN 60529	IP 65 (front side)

#### Functional data

Screen diagonal	10,1"/25,65cm
Active screen size	217 x 136 mm
Aspect ratio	16:10
Display type	TFT-LCD
Resolution	1280 x 800 Pixel
Colours displayed	16,7Mio
Brightness	400 cd/m <sup>2</sup>
Contrast	700:1
View angle	80°(H) / 80°(V)
Response time	5 ms
Backlight type	LED

**Operation**

The system is operated by briefly tapping the corresponding keys or symbols on the freely configurable user interface.

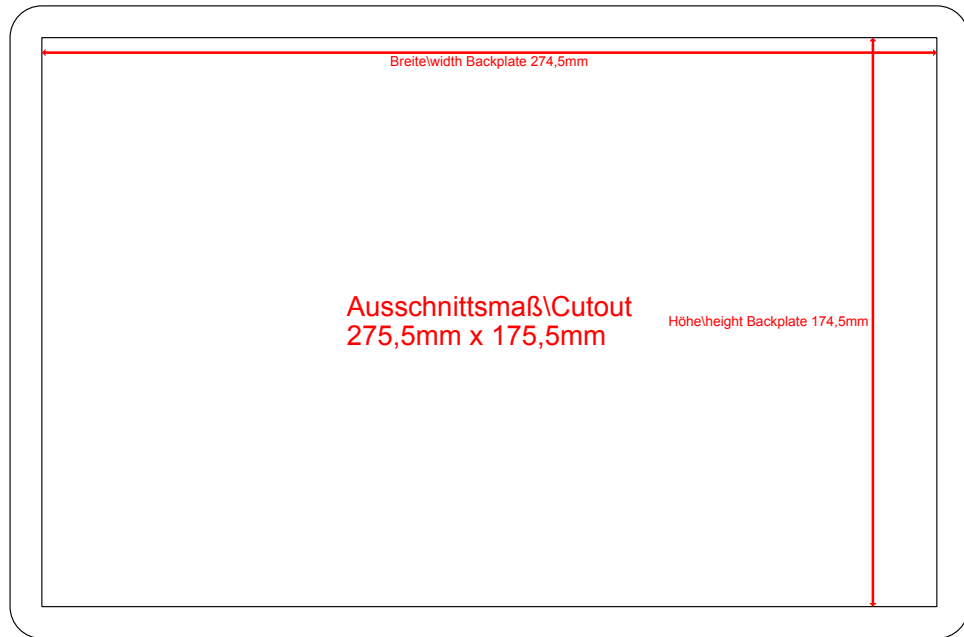


**Interfaces**

- 1 Power supply socket
- 2 USB Ports
- 3 Network port
- 4 Wide-range socket
- 5 Grounding
- 6 WiFi SMA connector

Connection for the supplied power supply  
For USB sticks or similar  
RJ45 Port for the network connection  
12-36VDC Wide-Range input  
Screw thread for earthing the panel  
For connection to an existing wireless network

**Dimension drawing**



**Important information**

Only use **shielded** patch cables  
(S-UTP/SF-UTP/S-FTP/SF-FTP/S-STP)!

**Scope of delivery**

RCO685D-S  
Wall power supply 100-240 VAC / 12 VDC  
Mounting clips  
Screws 3x35

**Additional information**

At [www.elesta.de](http://www.elesta.de) you will find this document as well as the instructions for operating and configuring the ELESTA Webpanel App.  
[https://elesta.de/en/touch\\_en/](https://elesta.de/en/touch_en/)  
Or simply scan the QR-code on the first page of this document.