JOY HC AO2DO

Technical data

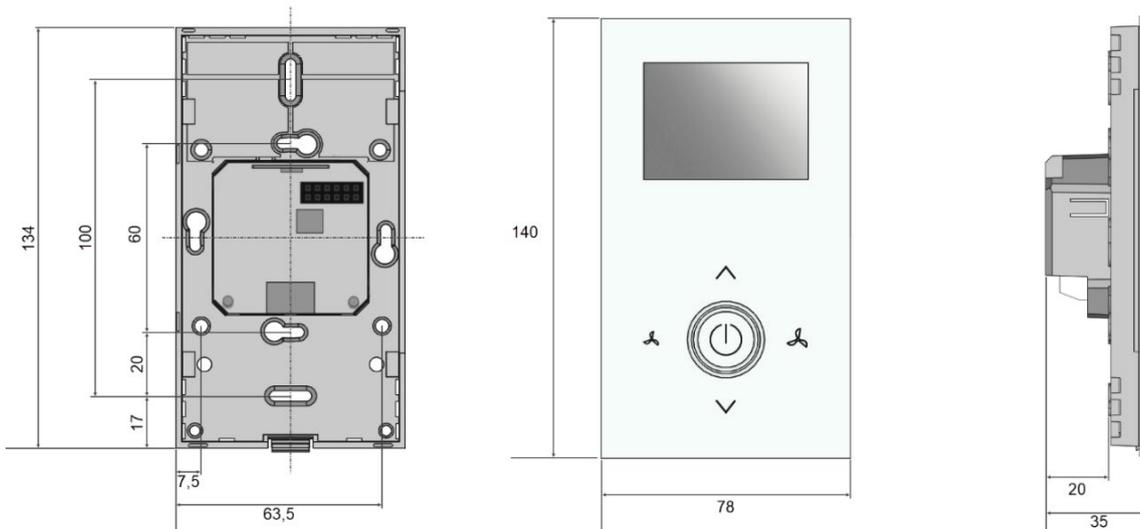|	
Measuring values	Temperature, humidity, CO2 *(optional)*
Network technology	KNX (TP1)
Measuring range temp	0..+50 °C
Accuracy temperature	±1 K (typ. at 21 °C)
Measuring range humidity	0..100% rH non-condensing
Accuracy humidity	±2% between 10..90% rH (typ. at 21 °C)
Measuring range CO2 *(optional)*	0..2.000 ppm
Accuracy CO2 *(optional)*	(5% of measuring value) + 50 ppm
Control functions	setpoint adjustment +0..+50 °C
Display	LCD 60x44 mm, 240x160 px, white backlighting
Functions	integrated PI- and 2-point-/ 3-point-controllers, 2nd control loop: 2-point controller
Enclosure	PC, glass, optional black or white
Protection	IP30 according to EN 60529
Connection electrical	**terminal 1..8:** terminal block max. 1,5 mm² **terminal 9..12:** terminal block max. 1,0 mm²
Ambient condition	0..+50 °C, max. 85% rH non-condensing
Weight	195 g
Mounting	flush mounted with standard EU box (Ø=60 mm)

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Output voltage	1x 0..10 V, max. load 5 mA, 6-way-valve control	
Output switch contact	2x normally open contact (heating & cooling) 240 V, max. load 500 mA	
Power supply	85..260 V ~	
Power consumption	max. 3 VA (260 V ~)	
Inputs	**DI1** input for NTC 10 K or floating contact	**DI2** digital input for non-floating contact (230 V ~)

Dimensions (mm)

Additional Dokuments

Mounting

https://www.thermokon.de/direct/files/joy-hc-230v-knx-mounting-en.pdf

Manual

https://www.thermokon.de/direct/files/joy-knx-manual-en.pdf