

DELTASOL CS4



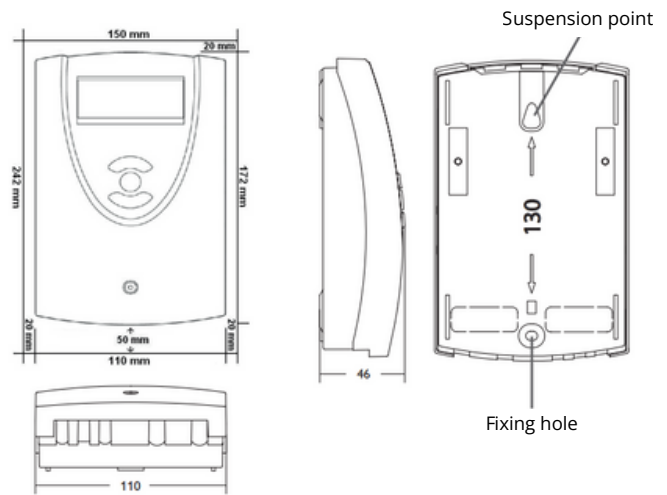
Function

The DeltaSol® CS/2 and CS/4 controllers are designed for controlling and regulating the speed of a high-efficiency pump in small solar and standard heating systems. The controllers feature up to two PWM outputs and an input for Grundfos Direct Sensor™ VFD probes, enabling precise thermal balancing. The commissioning menu simplifies system configuration

Technical data

Inputs	For 4 Pt1000 temperature sensors
Outputs	For 2 semiconductor relays and 1 PWM output
PWM frequency	512 Hz
PWM voltage	10.5 V
Switching capacity per relay	1 (1) A 240 V~
Total switching capacity	2 A 240 V~
Power supply	100–240 V~, 50–60 Hz
Connection type	X
Standby	0.86 W
Temperature control classes	I
Energy efficiency [%]	1
Operation	Type 1.C.Y
Rated impulse voltage	2.5 kV
Data interface	VBus®
Current distribution via VBus®	35 mA
Housing	Plastic housing, PC-ABS and PMMA
Mounting	Wall-mounted or panel installation
Control	3 buttons
Protection type	IP 20 / EN 60529
Protection class	I
Ambient temperature	0...40°C [32...104°F]
Pollution degree	2
Fuse	T2A
Maximum altitude	2000 m a.s.l.
Dimensions	172 x 110 x 46 mm

Dimensions



Electrical connection

