

# Schüco Solar Differential Controllers SDC 204 & SDC 306



The Schüco SDC 204 & SDC 306 differential controllers are designed for maximum system efficiency via a simple and user-friendly interface. The SDC controllers are a successful synthesis of use, flexibility and comfort.

Engineers, combined with a reliable design studio, have created a new generation of digital solar-thermal differential control units with a claim to a landmark function in design, technology and operation.

These controllers are shipped pre-programmed for different solar and heating systems, which can be adapted to individual systems and requirements by adjustable functions and options. A large, clearly arranged LCD display ensures ease of operation using internationally recognized pictograms. In addition, the LCD screen gives the homeowner a variety of real time information including, to name a few, energy production (kWh) measurements and memory of minimum / maximum collector and tank temperatures.

In addition to its primary function of system operation during the day, the SDC controllers also provide important diagnostic and safety functions. A controller integrated "Quick-Info Guide" clearly describes various fault symptoms, possible causes and remedies. The controllers are shipped with PT-1000 temperature sensors, wall mounting hardware, a seven foot line cord and a spare fuse.

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# Technical Data

Schüco Controller Model	SDC 204	SDC 306
Schüco article number	232 940	232 941
Inputs for PT 1000 temperature sensors	4 inputs	5 inputs
Inputs for pulsing flow meter	–	1 input
Outputs 120 VAC / 1A	2 (Output #2 can be configured voltage or voltage free)	3 (Output #3 can be configured voltage or voltage free)
Pre-programmed system schemes	5	19
Certification	ETL listed, conforms to UL STD 60730-1A	ETL listed, conforms to UL STD 60730-1A

## Features

Dimensions: 6.9" x 5.3" x 2.2"  
(175.26 x 134.62 x 55.88 mm)  
Weight: 0.8 lbs (0.36 kg)  
Operation: 4 push buttons in the front of the housing  
Housing material: 100% recyclable PC-ABS  
Operating voltage: AC 120 Volt, 60 Hz  
Display: Large 1.85" x 1.85" LCD display (47 x 47 mm)  
Internal fuse: Micro-fuse 5 x 20 mm, 2 A /surge-proof



Generous wiring space



Hinged and removable upper housing



Easy to read LCD screen

**Schüco USA L.P.**  
www.schuco-usa.com

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