

Solar Modules



CS1 - Solar module single screw

Operating range: up to 50 Kw

Line Return:

- Flow regulator measuring by valves for loading and unloading facility
- High efficiency solar circulating pump gland
- Flanged ball valve by 3-way non-return valve 10 mbar (the non-return valve can be excluded by rotating the handle by 45 °) provided with door handle thermometer (thermometer with blue ring 0 ° C-120 ° C)
- Security unit 6 bar with manometer diam. 50 mm 0-10 bar with 3/4" male for expansion tank

Continuous temperature 120° C (short term up to 160° C for 20s)

External connections: 1" Male

Box EPP insulation.

code CS1 € -



CS1G - Solar module with single driver control unit

Operating range: up to 50 Kw

Line Return:

- Flow regulator measuring with valves for loading and unloading facility
- High efficiency solar circulating pump gland
- Flanged ball valve with 3-way non-return valve 10 mbar (the non-return valve can be excluded by rotating the handle by 45 °) provided with door handle thermometer (thermometer with blue ring 0 ° C-120 ° C)
- Security unit 6 bar with manometer diam. 50 mm 0-10 bar with 3/4" male for expansion tank

Solar control unit complete with pre-wired sensors for monitoring temperature differential for standard solar system with 1 collector and 1 accumulator. Bright display with high contrast and backlit pictograms representative for hydraulic diagrams available.

- 1 standard relay output for the management of one circulator (230v)
- 3 inputs for temperature probes
- Complete with 2 temperature sensors PT 1000 silicone

Continuous temperature 120° C (short term up to 160° C for 20s)

External connections: 1" Male

Box EPP insulation

code CS1G € -



CS2 - Solar module two-way

Operating range: up to 50 Kw

Discharge line:

- Thermometer
- Check excludable valve
- Air separator by manual vent valve

Line Return:

- Flow regulator measuring by valves for loading and unloading facility
- High efficiency solar circulating pump gland
- Flanged ball valve by 3-way non-return valve 10 mbar (the non-return valve can be excluded by rotating the handle by 45°) provided with door handle thermometer (thermometer with blue ring 0 ° C-120 ° C)
- Security unit 6 bar with manometer diam. 50 mm 0-10 bar with 3/4" male for expansion tank

Continuous temperature 120° C (short term up to 160° C for 20s)

External connections: 1" male -125 mm wheelbase.

Box EPP insulation.

code CS2 € -

Solar Modules

CS2G - Solar module with two-way control unit

Operating range: up to 50 Kw

Discharge line:

- Thermometer;
- Check excludable valve
- Air separator with manual vent valve

Line Return:

- Flow regulator measuring (8-28 l/min) with valves for loading and unloading facility
- High efficiency solar circulating pump gland mod. Wilo Yonos Para ST 25/7 PWM2 (Absorbed power 3-70 W)
- Flanged ball valve with 3-way non-return valve 10 mbar (the non-return valve can be excluded by rotating the handle by 45°) provided with door handle thermometer (thermometer with blue ring 0° C-120° C)
- Security unit 6 bar with manometer diam. 50 mm 0-10 bar with 3/4" male for expansion vessel.

Solar control unit complete with pre-wired sensors for monitoring temperature differential for standard solar system with 1 collector and 1 accumulator. Bright display with high contrast and backlit pictograms representative for hydraulic diagrams available.

- 4 inputs for temperature probes PT1000
- 2 output relays (230 V)
- 1 PWM/0-10 V output for the management of one high efficiency circulator
- External connection via CAN-Bus or Ethernet
- Complete with 2 temperature sensors PT 1000 silicone

Continuous temperature 120° C (short term up to 160° C for 20s)

External connections: 1" Male-wheelbase 125 mm.

Box EPP insulation



code CS2G € -

CS2AP - Solar module for two-way high flow

Operating range: up to 50 Kw

Discharge line:

- Tee with cockpit probe holder ø 6mm
- Ball valve with non-return valve 18 mbar (the non-return valve can be excluded by rotating the handle by 45°) provided with door handle thermometer (thermometer with red ring 0° C-120° C)
- Pipe fitting and connection

Line Return:

- Flow regulator measuring 5-42 l/min (on request it's possible to have the version with flowmeter 20-70 l/min), the module is not equipped with a loading/discharge valve that can be supplied separately (Code VS525)

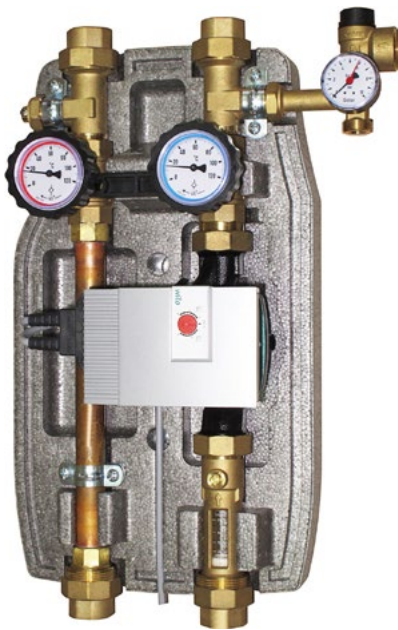
- Solar high efficiency circulator mod. Wilo Stratos Para 25/1/8 (Power Consumption 8-130 W); A 0-10 V differential controller (Code MSM type) is required for circulator management

- Ball valve with non-return valve 18 mbar (the non-return valve can be excluded by rotating the handle by 45°) provided with door handle thermometer (thermometer with blue ring 0° C-120° C)
- T-connector for the safety group
- Security unit 6 bar with manometer ø 50 mm 0-10 bar with 3/4" male for expansion tank

Continuous temperature 120° C (short term up to 160° C for 20s)

External connections: 1" 1/4 male - 1" 1/2 male and 1" female with union

Box EPP insulation



code CS2APM € - (to combine with ModvSol 4)

MS4 - ModvSol 4

Control unit of differential temperature for 22 different solar systems

code MS4 € -



VS525 - Ball Valve

Ball valve for loading and discharging for solar stamped brass. Attack 1"

code VS525 € -

