

## Single-circuit differential controller ESR 21



06014

**Simple installation and operation**

**Various operational fields**

The single-circuit differential controller ESR 21 is a consciously simple designed differential controller that offers simple installation and operation. Because of the wide adjustment range it can be used in various operational fields: production of domestic hot water, swimming pool heating, boiler charging, control of ventilation, control of air flaps of earth collectors, ...

### Functions of ESR 21:

- All engaging and disconnecting points separately adjustable
- Display with icons for all essential values
- Indication of the status for immediately detection of unusual conditions
- Pump blockade in case of excess temperature of the solar collector
- Function for antifreeze protection
- Heat flow counter
- Speed controllable (only at ESR 21-D)
- Temperature sensors type KTY or PT1000
- Overvoltage protection at every input
- 1 differential, minimal and maximal function
- 1 output (type specific), 3 sensor inputs
- Multilingual (only ESR 21-R)

In the accessories included:

Collector sensor, boiler sensor with immersion sleeve, line cord and mounting components

Code	Type	Output
06013	ESR 21-R	Relay output 3,0 A
06014	ESR 21-D	Speed controllable 1,5 A

## Schemes ESR 21-R and ESR 21-D

