

## MULTIPLEX EXPANSION MODULE



### Product description

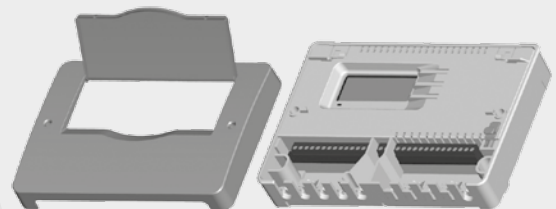
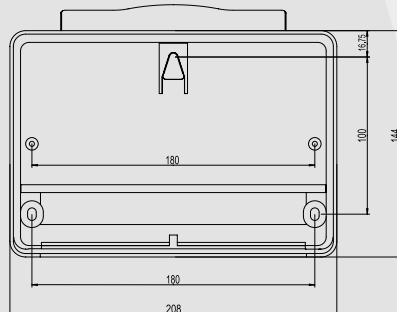
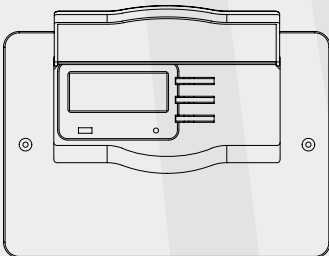
The multiplex expansion module provides 5 additional relay outputs and 6 additional sensor inputs, can be used for all optional functions of the Multiplex and can control its own heating circuit. Up to 2 expansion modules can be connected to the Multiplex; the controller then has a total of 15 relay outputs and 21 sensor inputs. Up to 2 weather-compensating heating circuits with their individual room thermostats can be controlled by combining the Multiplex with the expansion module.

- Expands the controller by 5 relay outputs and 6 sensor inputs
- LCD display with 7 segment display
- Function check
- Sliding switch 0 auto I
- Can be used for all optional functions of the Multiplex
- Little installation effort, set at the controller
- VBus® data interface

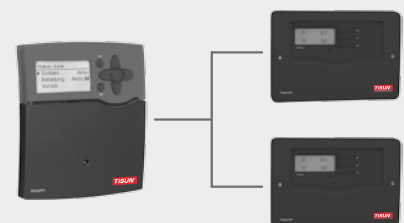
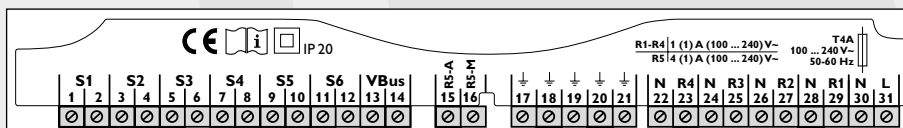
### Specifications

Type	<b>Multiplex EM</b>
Item no.	<b>1510661</b>
Inputs	6 temperature sensors Pt1000, Pt500 or KTY
Outputs	4 semiconductor relays, 1 floating low-voltage relay
Switching capacity	1 (1) A 240 V~ (semiconductor relay) 4 (1) A 24 V= / 240 V~ (floating relay)
Total switching power	4 A, 240 V
Supply	100 - 240 V~ (50 - 60 Hz)
Type of connection	Y
Power consumption	< 1 W (standby)
Working principle	Type 1.B.C.Y
Rated surge voltage	2.5 kV
Data interface	VBus®
Housing	Plastic, PC-ABS and PMMA
Installation	Wall installation
Display	LCD, 7 segment display
Operation	3 buttons and sliding switch on the front of the housing
Protection class	IP 20 / DIN EN 60529
Protection class	II
Ambient temperature	0 ... 40 °C
Degree of contamination	2
Dimensions	144 x 208 x 43 mm

### Housing dimensions and installation:



### Electrical connection:



The devices are connected by the VBus® to communicate with each other.