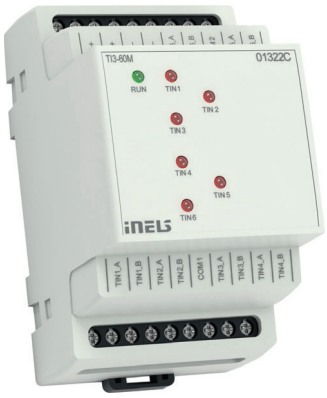
TI3-60M | Temperature input, 6 inputs

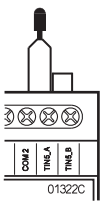


EAN code
TI3-60M: 8595188132893
Order Code: 3289

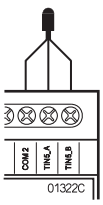
Technical parameters	TI3-60M
Inputs	
Temperature input for temperature measuring:	6x input for external temperature sensor TC, TZ, Ni1000, Pt1000, Pt100 see accessories
Temperature measurement range:	by type of sensor, probe from -50°C to 400°C
Converter resolution:	15 bit
Indication of exceeding the range or interruption of the sensor:	6x red LED
Communication	
Installation BUS:	BUS
Status indication unit:	green LED RUN
Power supply	
Supply voltage/tolerance:	27 V DC, -20/+10 %
Dissipated power:	max. 1 W
Rated current:	45 mA (at 27 V DC), from BUS
Connection	
Terminal:	max. 2.5 mm²/1.5 mm² with sleeve
Operating conditions	
Operating temperature:	-20 to +55 °C
Storing temperature:	-30 to +70 °C
Protection degree:	IP20 device, IP40 mounting in the switchboard
Overvoltage category:	II.
Pollution degree:	2
Operating position:	any
Installation:	into a switchboard rail to DIN EN 60715
Design:	3-MODULE
Dimensions and weight	
Dimensions:	90 x 52 x 65 mm
Weight:	111 g
Standards:	EN 63044-1

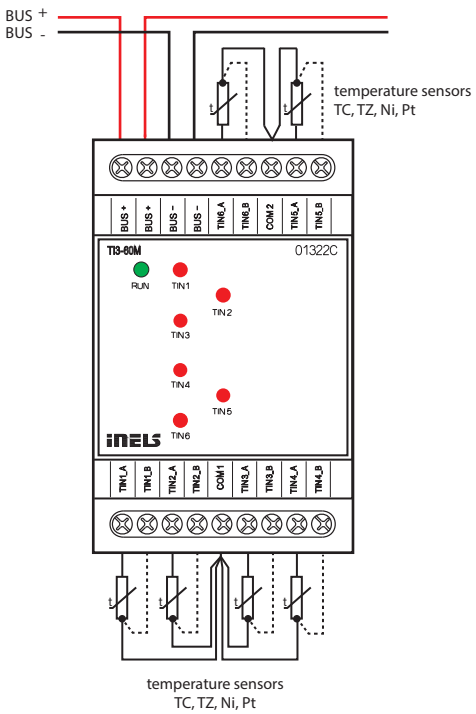
Connection options

2-wire
- it is necessary to connect terminals TIN_B and COM



3-wire
- connection of the sensor needs to be done according to the technical specifications



- Unit TI3-60M is designed to connect up to six external temperature sensors.
- Units range TI3 support the connection of the following temperature sensors:
  - TC/TZ - 2-wire connections
  - Ni1000, Pt1000, Pt100 - 2-wire and 3-wire connections
- It is used in cases where it is necessary to read the temperature, eg floor/room, indoor/outdoor temperature, process equipment - boiler, solar heating, etc.
- Unit status is indicated by green RUN LED on the front panel:
  - if the supply voltage is connected (the unit is powered via the BUS), but there is no communication with the master, RUN LED is lit continuously.
  - if the supply voltage is connected and the unit communicates via standard BUS, RUN LED flashes.
- The status on individual temperature inputs is indicated by the relevant red LED on the front panel:
  - LIT - temperature sensor disconnection
  - FLASHES - exceeding of the temperature range
  - UNLIT - ok
- TI3-60M in 3-MODULE is designed for switchboard mounting on DIN rail EN60715.

Connection