

TDS20063xx

HVAC Modbus Slave interface



The TDS20063xx is the HVAC Modbus Slave which must be used in combination with the TDS14061 to realize HVAC integration.

The TDS20063xx can be one of the following brands:
TDS20063FU = Fujitsu

APPLICATION

Interface for control of HVAC systems. Can support up to 10 outdoor units. To be combined with TDS14061.

CHARACTERISTICS

Functionality's

Supported functionalities (Depends on HVAC system):

- 5 Modes: Auto, Heat, Cool, Dry, Vent
- Adjustable speed (airflow)
- Set temperature
- Measured room temperature
- HVAC error codes

LCD display

16x2 characters.

SETTINGS

Configuration

Automatically with TDS14061.

INSTALLATION

DIN-rail mounting

6.5 modules wide

HVAC brand specific Remote Controller (the wall control panel).

For service reasons it is recommended to provide the brand specific remote controller panel(s). This allows the HVAC technician to service his system in the usual way without the need of TELETASK system knowhow.

CONNECTIONS

HVAC SYSTEM BUS

For TDS20063FU (Fujitsu):

Connect X1/X2 terminals from TDS20063FU with the X1/X2 terminal which is located on an outdoor or indoor unit of the HVAC system.

MODBUS data + power

2 x 2 x 0,5mm², unshielded.

This connection should be connected to the TDS14061 HVAC Modbus Master interface with the supplied cable.

POWER CONSUMPTION

Max. 80mA

DIMENSIONS

115 W x 63 H x 32 D (mm)

NET | GROSS WEIGHT

0,230 kg | 0,350 kg

PACKAGING CONTENT

TDS20063xx interface

Cable for connecting with TDS14061

STORAGE

Temperature

-20°C to +65°C

Relative humidity

15% to 85%

IP PROTECTION RATE

IP30

OPERATING RANGE

Temperature

0°C to +45°C max.

Relative humidity

5% to 80% at 25°C (no humidity/condense)

LIMITED WARRANTY

2 years

DEVICE COMPATIBILITY LIST:

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FUJITSU DS20063FU	Outdoor unit types AJ	Indoor unit types AUXB AUXD ARXA ARXB AB*A AS*A AS*E

SCHEMATIC DRAWING

