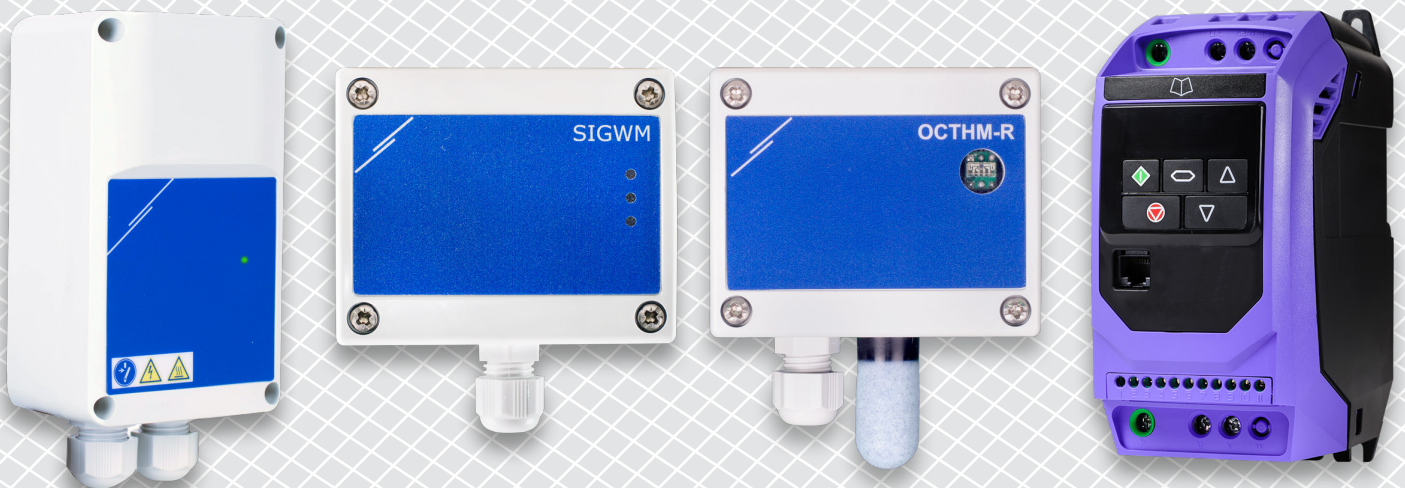


# Temperature and humidity control | AC fans

Demand based fan speed control



## SOLUTION DESCRIPTION

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This solution controls single-phase or three-phase AC motors based on temperature and relative humidity. The AC fan speed is controlled to keep temperature and relative humidity in the predefined ranges. When one of these measured values increases, the fan speed will increase.

### Typical applications

- Control extraction fans in spaces with high relative humidity
- Bathroom or kitchen exhaust fans
- Indoor swimming pool exhaust fan

## REQUIREMENTS

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### Sentera Internet Gateway

Even if the internet gateway will not remain permanently installed, it is required to configure and start up the installation.

The internet gateway allows you to download application specific firmware into the connected devices and to adjust the settings (setpoints, ranges, etc.).

Once the installation is started up, the internet gateway can be removed or left installed (\*). The advantages of having the internet gateway installed are the following:

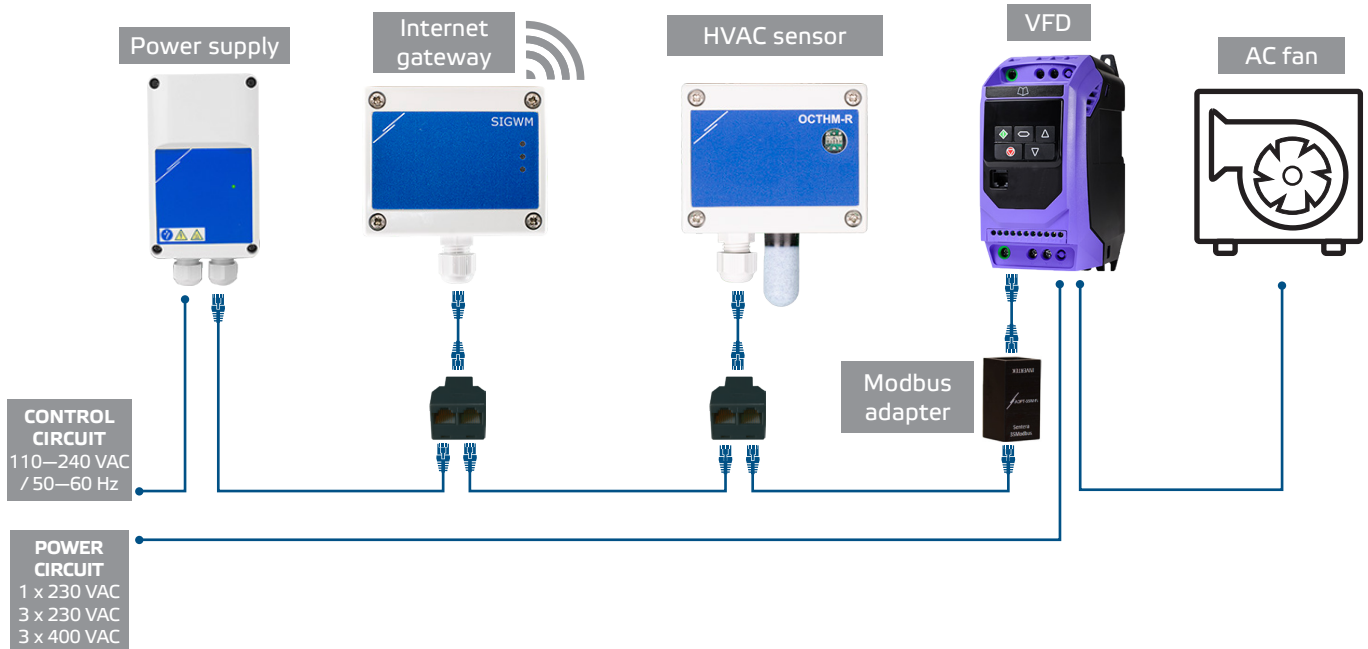
- Easy adjustment of parameter settings
- Define users and give them access to monitor your installation via a standard web browser
- Data logging via your Senteraweb account
- Receive alerts or warnings when measured values exceed alert ranges or when errors occur

See chapter "Create the Senteraweb installation" for more information

(\*) If the internet gateway is removed, it can be used to create another installation. In that case, you have to delete your SenteraWeb installation after the startup. Every internet gateway has a unique serial number. This serial number can be used to create one installation at a time. Follow the online instructions.

## WIRING AND CONNECTIONS

The illustrations below show the connection diagram of one example solution. Different combinations are possible (see combination tables at the end of this document).



### Installation

Install the products. Do the wiring and connections following the guidelines in the mounting instructions of the different products. These documents can be downloaded from the products page of our website.

### Supply voltage

The HVAC sensor and the internet gateway require a supply voltage of 24 VDC. This increases the electrical safety of your installation and facilitates wiring and connections. It is recommended to use Sentera 24 VDC power supplies. They offer overload and overvoltage protection. The RJ45 sockets allow you to minimise wiring times.

### UTP cabling for data (Modbus) and power distribution (24 VDC)

Sentera devices communicate via Modbus RTU. Modbus RTU is a simple and robust method to transmit information over serial lines (RS485 technology).

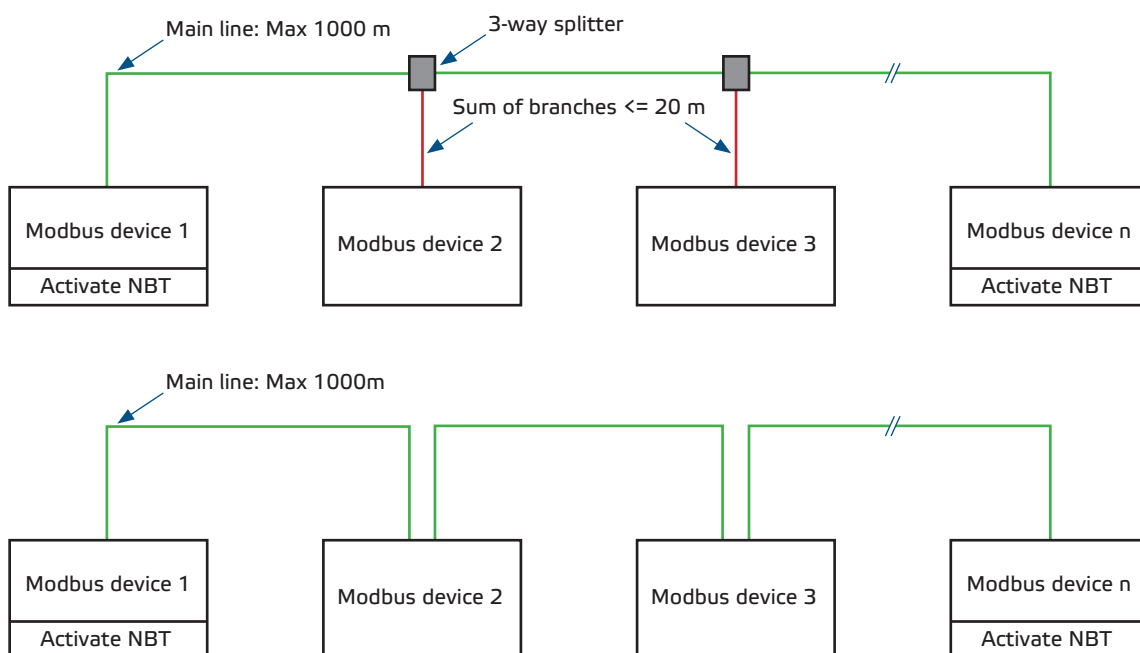
To facilitate wiring, most Sentera devices (-M and -H series) are available with RJ45 connectors that combine 24 VDC power and Modbus datacommunication. These, so called PoM or Power over Modbus devices can be wired using standard UTP network cables with RJ45 connectors.



## ADDITIONAL CABLING GUIDELINES

A Modbus RTU network should follow these topology guidelines:

- The maximum length of the main line can be up to 1.000 m. This maximum length can be increased by using Modbus RTU repeaters.
- The different branches must be kept short. The combined length of all branches should not exceed 20 m. To minimize branch length, we advise using 3-way splitters (type SPR-M-3-BK).
- Two devices on the Modbus RTU network must have Network Bus Terminators (NBTs). These NBTs minimise electrical reflections. They increase the reliability and the stability of the data transmission. Every Sentera devices features an NBT that can be activated via the parameter settings. By default, NBT is deactivated.



## ADJUST THE PARAMETERS

### Create an account on SenteraWeb

First create an account on SenteraWeb.

Go to <https://www.senteraweb.eu/en/Account/Login>. Here you can register or log in.

### Create your installation.

When logged in, you can add a new installation. To do this, you should first register the internet gateway via its serial number. After the installation is created, continue and add all devices. To add a device, use its serial number.

### Download firmware

Connect the power supply. When all the devices are added to your SenteraWeb installation, you can download the required firmware for this solution. After the download, check the functionality of all devices.

When the solution is operational, you can choose to leave the internet gateway connected or to remove the internet gateway. Without internet gateway, the installation will work stand alone.

When the installation is removed from SenteraWeb, you can use the internet gateway to start up another installation.

When you leave the internet gateway connected, you can benefit from the SenteraWeb functionalities.

## POSSIBLE COMBINATIONS

### Combinations Table Legend

	Power supply		Wired Gateway		Wi-Fi Gateway	
	DIN-rail mounting	Surface mounting	DIN-rail mounting	Surface mounting	DIN-rail mounting	Surface mounting
<b>Table 1</b>	V	-	-	-	-	-
<b>Table 2</b>	V	-	V	-	-	-
<b>Table 3</b>	V	-	-	-	V	-
<b>Table 4</b>	-	V	-	-	-	-
<b>Table 5</b>	-	V	-	V	-	-
<b>Table 6</b>	-	V	-	-	-	V

**Table 1 - No internet gateway | power supply for DIN rail**

Solution code	Description
FS-D-000001	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Single phase 230 V motor - 4,3 A
FS-D-000002	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Single phase 230 V motor - 4,3 A
FS-D-000003	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Single phase 230 V motor - 7 A
FS-D-000004	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Single phase 230 V motor - 7 A
FS-D-000005	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Single phase 230 V motor - 10,5 A
FS-D-000006	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Single phase 230 V motor - 10,5 A
FS-D-000007	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 2,3 A - on a single phase 230 V mains supply
FS-D-000008	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 2,3 A - on a single phase 230 V mains supply
FS-D-000009	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 4,3 A - on a single phase 230 V mains supply
FS-D-000010	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 4,3 A - on a single phase 230 V mains supply
FS-D-000011	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 7 A - on a single phase 230 V mains supply
FS-D-000012	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 7 A - on a single phase 230 V mains supply
FS-D-000013	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 10,5 A - on a single phase 230 V mains supply

**Table 1 - No internet gateway | power supply for DIN rail**

Solution code	Description
FS-D-000014	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 10,5 A - on a single phase 230 V mains supply
FS-D-000015	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 7 A - on a Three phase 230 V mains supply
FS-D-000016	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 7 A - on a Three phase 230 V mains supply
FS-D-000017	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 10,5 A - on a Three phase 230 V mains supply
FS-D-000018	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 10,5 A - on a Three phase 230 V mains supply
FS-D-000019	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 18 A - on a Three phase 230 V mains supply
FS-D-000020	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 18 A - on a Three phase 230 V mains supply
FS-D-000021	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 24 A - on a Three phase 230 V mains supply
FS-D-000022	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 24 A - on a Three phase 230 V mains supply
FS-D-000023	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 30 A - on a Three phase 230 V mains supply
FS-D-000024	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 30 A - on a Three phase 230 V mains supply
FS-D-000025	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 46 A - on a Three phase 230 V mains supply
FS-D-000026	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 46 A - on a Three phase 230 V mains supply
FS-D-000027	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 1,2 A - on a Three phase 230 V mains supply
FS-D-000028	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 1,2 A - on a Three phase 230 V mains supply
FS-D-000029	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 2,2 A - on a Three phase 230 V mains supply
FS-D-000030	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 2,2 A - on a Three phase 230 V mains supply
FS-D-000031	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 4,1 A - on a Three phase 230 V mains supply
FS-D-000032	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 4,1 A - on a Three phase 230 V mains supply
FS-D-000033	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 5,8 A - on a Three phase 230 V mains supply
FS-D-000034	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 5,8 A - on a Three phase 230 V mains supply
FS-D-000035	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 9,5 A - on a Three phase 230 V mains supply
FS-D-000036	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 9,5 A - on a Three phase 230 V mains supply
FS-D-000037	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 14 A - on a Three phase 230 V mains supply
FS-D-000038	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 14 A - on a Three phase 230 V mains supply



**Table 1 - No internet gateway | power supply for DIN rail**

Solution code	Description
FS-D-000039	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 18 A - on a Three phase 230 V mains supply
FS-D-000040	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 18 A - on a Three phase 230 V mains supply
FS-D-000041	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 24 A - on a Three phase 230 V mains supply
FS-D-000042	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 24 A - on a Three phase 230 V mains supply
FS-D-000043	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 30 A - on a Three phase 230 V mains supply
FS-D-000044	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 30 A - on a Three phase 230 V mains supply
FS-D-000045	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 39 A - on a Three phase 230 V mains supply
FS-D-000046	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 39 A - on a Three phase 230 V mains supply
FS-D-000047	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 46 A - on a Three phase 230 V mains supply
FS-D-000048	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 46 A - on a Three phase 230 V mains supply
FS-D-000049	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Single phase 230 V motor - 4,3 A
FS-D-000050	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Single phase 230 V motor - 7 A
FS-D-000051	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Single phase 230 V motor - 10,5 A
FS-D-000052	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 2,3 A - on a single phase 230 V mains supply
FS-D-000053	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 4,3 A - on a single phase 230 V mains supply
FS-D-000054	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 7 A - on a single phase 230 V mains supply
FS-D-000055	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 10,5 A - on a single phase 230 V mains supply
FS-D-000056	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 7 A - on a Three phase 230 V mains supply
FS-D-000057	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 10,5 A - on a Three phase 230 V mains supply
FS-D-000058	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 18 A - on a Three phase 230 V mains supply
FS-D-000059	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 24 A - on a Three phase 230 V mains supply
FS-D-000060	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 30 A - on a Three phase 230 V mains supply
FS-D-000061	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 39 A - on a Three phase 230 V mains supply

**Table 1 - No internet gateway | power supply for DIN rail**

Solution code	Description
FS-D-000062	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 1,2 A - on a Three phase 230 V mains supply
FS-D-000063	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 2,2 A - on a Three phase 230 V mains supply
FS-D-000064	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 4,1 A - on a Three phase 230 V mains supply
FS-D-000065	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 5,8 A - on a Three phase 230 V mains supply
FS-D-000066	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 9,5 A - on a Three phase 230 V mains supply
FS-D-000067	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 14 A - on a Three phase 230 V mains supply
FS-D-000068	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 18 A - on a Three phase 230 V mains supply
FS-D-000069	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 24 A - on a Three phase 230 V mains supply
FS-D-000070	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 30 A - on a Three phase 230 V mains supply
FS-D-000071	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 39 A - on a Three phase 230 V mains supply
FS-D-000072	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 46 A - on a Three phase 230 V mains supply

**Table 2 - Internet gateway for DIN rail**

Solution code	Description
FS-D-000073	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Single phase 230 V motor - 4,3 A - with DIN-rail Internet Gateway
FS-D-000074	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Single phase 230 V motor - 4,3 A - with DIN-rail Internet Gateway
FS-D-000075	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Single phase 230 V motor - 7 A - with DIN-rail Internet Gateway
FS-D-000076	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Single phase 230 V motor - 7 A - with DIN-rail Internet Gateway
FS-D-000077	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Single phase 230 V motor - 10,5 A - with DIN-rail Internet Gateway
FS-D-000078	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Single phase 230 V motor - 10,5 A - with DIN-rail Internet Gateway
FS-D-000079	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 2,3 A - on a single phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000080	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 2,3 A - on a single phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000081	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 4,3 A - on a single phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000082	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 4,3 A - on a single phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000083	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 7 A - on a single phase 230 V mains supply - with DIN-rail Internet Gateway



### Table 2 - Internet gateway for DIN rail

[illegible]

**Table 2 - Internet gateway for DIN rail**

Solution code	Description
FS-D-000109	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 14 A - on a Three phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000110	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 14 A - on a Three phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000111	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 18 A - on a Three phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000112	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 18 A - on a Three phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000113	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 24 A - on a Three phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000114	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 24 A - on a Three phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000115	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 30 A - on a Three phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000116	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 30 A - on a Three phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000117	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 39 A - on a Three phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000118	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 39 A - on a Three phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000119	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 46 A - on a Three phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000120	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 46 A - on a Three phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000121	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Single phase 230 V motor - 4,3 A - with DIN-rail Internet Gateway
FS-D-000122	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Single phase 230 V motor - 7 A - with DIN-rail Internet Gateway
FS-D-000123	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Single phase 230 V motor - 10,5 A - with DIN-rail Internet Gateway
FS-D-000124	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 2,3 A - on a single phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000125	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 4,3 A - on a single phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000126	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 7 A - on a single phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000127	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 10,5 A - on a single phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000128	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 7 A - on a Three phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000129	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 10,5 A - on a Three phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000130	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 18 A - on a Three phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000131	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 24 A - on a Three phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000132	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 30 A - on a Three phase 230 V mains supply - with DIN-rail Internet Gateway
FS-D-000133	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 39 A - on a Three phase 230 V mains supply - with DIN-rail Internet Gateway

Solution code	Description
FS-D-0004 B9	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230V motor 0.75/2A - one at three phases 230V Main is supply with Wi-Fi gateway for all telemetry
FS-D-0004 B6	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230V motor 0.7 A - one at three phases 230V Main is supply with Wi-Fi gateway for all telemetry
FS-D-0004 B8	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230V motor 0.5/1A - one at three phases 230V Main is supply with Wi-Fi gateway for all telemetry
FS-D-0004 B7	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230V motor 0.8/3-A - one at three phases 230V Main is supply with Wi-Fi gateway for all telemetry
FS-D-0004 B8	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230V motor 0.75-A - one at three phases 230V Main is supply with Wi-Fi gateway for all telemetry
FS-D-0004 B9	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 3/4/A - one at three phases 230V main is supply with M2M gateway for all telemetry
FS-D-0004 B0	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 3/8/A - one at three phases 230V main is supply with M2M gateway for all telemetry
FS-D-0004 B2	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400W motor 12 A - one at three phases 230V main is supply with M2M gateway for all telemetry
FS-D-0004 B3	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 W motor 20 A - one at three phases 230V main is supply with M2M gateway for all telemetry
FS-D-0004 B4	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 W motor 30 A - one at three phases 230V main is supply with M2M gateway for all telemetry
FS-D-0004 B5	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 W motor 5/8 A - one at three phases 230V main is supply with M2M gateway for all telemetry
FS-D-0004 B6	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 2.5 A - one at three phases 230 V main is supply with Wi-Fi gateway for all telemetry

Solution code	Description
FS-D-000428 FS-D-0000145	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 2,3 A - on a single phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-000429 FS-D-0000146	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 4,3 A - on a single phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-000430 FS-D-0000147	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 7 A - on a single phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-000431 FS-D-0000148	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 10,5 A - on a single phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-000432 FS-D-0000149	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 10,5 A - on a single phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000150	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Single phase 230 V motor - 10,5 A - with DIN-rail Wireless Internet Gateway
FS-D-0000151	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 2,3 A - on a single phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000152	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 2,3 A - on a single phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000153	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 4,3 A - on a single phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000154	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 4,3 A - on a single phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000155	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 7 A - on a single phase 230 V mains supply - with DIN-rail Wireless Internet Gateway

### Table 3 - Wi-Fi gateway for DIN rail

[illegible]



**Table 3 - Wi-Fi gateway for DIN rail**

Solution code	Description
FS-D-0000181	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 14 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000182	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 14 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000183	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 18 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000184	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 18 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000185	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 24 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000186	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 24 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000187	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 30 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000188	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 30 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000189	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 39 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000190	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 39 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000191	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 46 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000192	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 46 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000193	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Single phase 230 V motor - 4,3 A - with DIN-rail Wireless Internet Gateway
FS-D-0000194	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Single phase 230 V motor - 7 A - with DIN-rail Wireless Internet Gateway
FS-D-0000195	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Single phase 230 V motor - 10,5 A - with DIN-rail Wireless Internet Gateway
FS-D-0000196	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 2,3 A - on a single phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000197	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 4,3 A - on a single phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000198	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 7 A - on a single phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000199	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 10,5 A - on a single phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000200	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 7 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000201	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 10,5 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000202	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 18 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway



**Table 3 - Wi-Fi gateway for DIN rail**

Solution code	Description
FS-D-0000203	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 24 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000204	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 30 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000205	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 39 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000206	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 1,2 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway

**Table 3 - Wi-Fi gateway for DIN rail**

Solution code	Description
FS-D-0000207	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 2,2 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000208	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 4,1 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000209	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 5,8 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000210	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 9,5 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000211	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 14 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000212	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 18 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000213	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 24 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000214	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 30 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000215	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 39 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway
FS-D-0000216	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 46 A - on a Three phase 230 V mains supply - with DIN-rail Wireless Internet Gateway

**Table 4 - No internet gateway | Power supply for surface mounting**

Solution code	Description
FS-D-000217	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Single phase 230 V motor - 4,3 A
FS-D-000218	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Single phase 230 V motor - 4,3 A
FS-D-000219	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Single phase 230 V motor - 7 A
FS-D-000220	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Single phase 230 V motor - 7 A
FS-D-000221	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Single phase 230 V motor - 10,5 A
FS-D-000222	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Single phase 230 V motor - 10,5 A
FS-D-000223	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 2,3 A - on a single phase 230 V mains supply
FS-D-000224	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 2,3 A - on a single phase 230 V mains supply

**Table 4 - No internet gateway | Power supply for surface mounting**

Solution code	Description
FS-D-000225	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 4,3 A - on a single phase 230 V mains supply
FS-D-000226	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 4,3 A - on a single phase 230 V mains supply
FS-D-000227	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 7 A - on a single phase 230 V mains supply
FS-D-000228	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 7 A - on a single phase 230 V mains supply
FS-D-000229	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 10,5 A - on a single phase 230 V mains supply
FS-D-000230	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 10,5 A - on a single phase 230 V mains supply
FS-D-000231	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 7 A - on a Three phase 230 V mains supply
FS-D-000232	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 7 A - on a Three phase 230 V mains supply
FS-D-000233	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 10,5 A - on a Three phase 230 V mains supply
FS-D-000234	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 10,5 A - on a Three phase 230 V mains supply
FS-D-000235	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 18 A - on a Three phase 230 V mains supply
FS-D-000236	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 18 A - on a Three phase 230 V mains supply
FS-D-000237	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 24 A - on a Three phase 230 V mains supply
FS-D-000238	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 24 A - on a Three phase 230 V mains supply
FS-D-000239	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 30 A - on a Three phase 230 V mains supply
FS-D-000240	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 30 A - on a Three phase 230 V mains supply
FS-D-000241	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 46 A - on a Three phase 230 V mains supply
FS-D-000242	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 230 V motor 46 A - on a Three phase 230 V mains supply
FS-D-000243	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 1,2 A - on a Three phase 230 V mains supply
FS-D-000244	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 1,2 A - on a Three phase 230 V mains supply
FS-D-000245	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 2,2 A - on a Three phase 230 V mains supply
FS-D-000246	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 2,2 A - on a Three phase 230 V mains supply
FS-D-000247	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 4,1 A - on a Three phase 230 V mains supply
FS-D-000248	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 4,1 A - on a Three phase 230 V mains supply
FS-D-000249	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 5,8 A - on a Three phase 230 V mains supply

**Table 4 - No internet gateway | Power supply for surface mounting**

Solution code	Description
FS-D-000250	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 5,8 A - on a Three phase 230 V mains supply
FS-D-000251	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 9,5 A - on a Three phase 230 V mains supply
FS-D-000252	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 9,5 A - on a Three phase 230 V mains supply
FS-D-000253	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 14 A - on a Three phase 230 V mains supply
FS-D-000254	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 14 A - on a Three phase 230 V mains supply
FS-D-000255	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 18 A - on a Three phase 230 V mains supply
FS-D-000256	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 18 A - on a Three phase 230 V mains supply
FS-D-000257	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 24 A - on a Three phase 230 V mains supply
FS-D-000258	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 24 A - on a Three phase 230 V mains supply
FS-D-000259	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 30 A - on a Three phase 230 V mains supply
FS-D-000260	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 30 A - on a Three phase 230 V mains supply
FS-D-000261	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 39 A - on a Three phase 230 V mains supply
FS-D-000262	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 39 A - on a Three phase 230 V mains supply
FS-D-000263	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 46 A - on a Three phase 230 V mains supply
FS-D-000264	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 46 A - on a Three phase 230 V mains supply
FS-D-000265	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Single phase 230 V motor - 4,3 A
FS-D-000266	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Single phase 230 V motor - 7 A
FS-D-000267	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Single phase 230 V motor - 10,5 A
FS-D-000268	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 2,3 A - on a single phase 230 V mains supply
FS-D-000269	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 4,3 A - on a single phase 230 V mains supply
FS-D-000270	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 7 A - on a single phase 230 V mains supply
FS-D-000271	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 10,5 A - on a single phase 230 V mains supply
FS-D-000272	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 7 A - on a Three phase 230 V mains supply
FS-D-000273	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 10,5 A - on a Three phase 230 V mains supply

**Table 4 - No internet gateway | Power supply for surface mounting**

Solution code	Description
FS-D-000274	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 18 A - on a Three phase 230 V mains supply
FS-D-000275	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 24 A - on a Three phase 230 V mains supply
FS-D-000276	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 30 A - on a Three phase 230 V mains supply
FS-D-000277	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 39 A - on a Three phase 230 V mains supply
FS-D-000278	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 1,2 A - on a Three phase 230 V mains supply
FS-D-000279	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 2,2 A - on a Three phase 230 V mains supply
FS-D-000280	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 4,1 A - on a Three phase 230 V mains supply
FS-D-000281	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 5,8 A - on a Three phase 230 V mains supply
FS-D-000282	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 9,5 A - on a Three phase 230 V mains supply
FS-D-000283	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 14 A - on a Three phase 230 V mains supply
FS-D-000284	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 18 A - on a Three phase 230 V mains supply
FS-D-000285	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 24 A - on a Three phase 230 V mains supply
FS-D-000286	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 30 A - on a Three phase 230 V mains supply
FS-D-000287	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 39 A - on a Three phase 230 V mains supply
FS-D-000288	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 46 A - on a Three phase 230 V mains supply

**Table 5 - Internet gateway surface mounting**

Solution code	Description
FS-D-000289	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Single phase 230 V motor - 4,3 A - with internet gateway for wall mounting
FS-D-000290	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Single phase 230 V motor - 4,3 A - with internet gateway for wall mounting
FS-D-000291	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Single phase 230 V motor - 7 A - with internet gateway for wall mounting
FS-D-000292	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Single phase 230 V motor - 7 A - with internet gateway for wall mounting
FS-D-000293	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Single phase 230 V motor - 10,5 A - with internet gateway for wall mounting
FS-D-000294	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Single phase 230 V motor - 10,5 A - with internet gateway for wall mounting
FS-D-000295	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 230 V motor 2,3 A - on a single phase 230 V mains supply - with internet gateway for wall mounting



### Table 5 - Internet gateway surface mounting

[illegible]

**Table 5 - Internet gateway surface mounting**

Solution code	Description
FS-D-000321	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 5,8 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000322	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 5,8 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000323	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 9,5 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000324	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 9,5 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000325	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 14 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000326	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 14 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000327	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 18 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000328	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 18 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000329	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 24 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000330	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 24 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000331	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 30 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000332	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 30 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000333	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 39 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000334	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 39 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000335	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 46 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000336	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 46 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000337	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Single phase 230 V motor - 4,3 A - with internet gateway for wall mounting
FS-D-000338	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Single phase 230 V motor - 7 A - with internet gateway for wall mounting
FS-D-000339	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Single phase 230 V motor - 10,5 A - with internet gateway for wall mounting
FS-D-000340	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 2,3 A - on a single phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000341	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 4,3 A - on a single phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000342	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 7 A - on a single phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000343	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 10,5 A - on a single phase 230 V mains supply - with internet gateway for wall mounting

**Table 5 - Internet gateway surface mounting**

Solution code	Description
FS-D-000344	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 7 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000345	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 10,5 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000346	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 18 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting

**Table 5 - Internet gateway surface mounting**

Solution code	Description
FS-D-000347	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 24 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000348	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 30 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000349	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 39 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000350	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 1,2 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000351	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 2,2 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000352	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 4,1 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000353	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 5,8 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000354	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 9,5 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000355	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 14 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000356	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 18 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000357	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 24 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000358	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 30 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000359	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 39 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting
FS-D-000360	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 400 V motor 46 A - on a Three phase 230 V mains supply - with internet gateway for wall mounting

**Table 6 - Wi-Fi gateway surface mounting**

Solution code	Description
FS-D-000361	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Single phase 230 V motor - 4,3 A - with Wi-Fi gateway for wall mounting
FS-D-000362	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Single phase 230 V motor - 4,3 A - with Wi-Fi gateway for wall mounting
FS-D-000363	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Single phase 230 V motor - 7 A - with Wi-Fi gateway for wall mounting
FS-D-000364	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Single phase 230 V motor - 7 A - with Wi-Fi gateway for wall mounting
FS-D-000365	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Single phase 230 V motor - 10,5 A - with Wi-Fi gateway for wall mounting

### Table 6 - Wi-Fi gateway surface mounting

[illegible]



**Table 6 - Wi-Fi gateway surface mounting**

Solution code	Description
FS-D-000391	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 4,1 A - on a Three phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000392	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 4,1 A - on a Three phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000393	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 5,8 A - on a Three phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000394	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 5,8 A - on a Three phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000395	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 9,5 A - on a Three phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000396	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 9,5 A - on a Three phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000397	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 14 A - on a Three phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000398	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 14 A - on a Three phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000399	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 18 A - on a Three phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000400	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 18 A - on a Three phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000401	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 24 A - on a Three phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000402	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 24 A - on a Three phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000403	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 30 A - on a Three phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000404	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 30 A - on a Three phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000405	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 39 A - on a Three phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000406	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 39 A - on a Three phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000407	Temperature and humidity control with outdoor sensor and IP20 Frequency drive - Three phase 400 V motor 46 A - on a Three phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000408	Temperature and humidity control with outdoor sensor and IP66 Frequency drive - Three phase 400 V motor 46 A - on a Three phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000409	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Single phase 230 V motor - 4,3 A - with Wi-Fi gateway for wall mounting
FS-D-000410	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Single phase 230 V motor - 7 A - with Wi-Fi gateway for wall mounting
FS-D-000411	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Single phase 230 V motor - 10,5 A - with Wi-Fi gateway for wall mounting
FS-D-000412	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 2,3 A - on a single phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000413	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 4,3 A - on a single phase 230 V mains supply - with Wi-Fi gateway for wall mounting
FS-D-000414	Temperature and humidity control with outdoor sensor and IP66 Frequency drive with integrated switches - Three phase 230 V motor 7 A - on a single phase 230 V mains supply - with Wi-Fi gateway for wall mounting