RF600 Configuration

Product Description Article No.*)
Communication modules
ASM 456 Communication module for connecting up to 2 readers to
6ES7194-3AA00-0AA0
SmartLabel, plastic PET, adhesive on one side, 4” x 2”
90 mm x 18 mm x 0.3 mm, for ETSI
1) ETSI: for Europe, 865 to 868 MHz
2) FCC: for USA, 902 to 928 MHz
3) CMIIT: for China, 920 to 925 MHz
4) ARIB: for Japan, 920 bis 924 MHz
All current approvals can be found on the Internet at:
www.siemens.com/rfid-approvals
For precise system and component selection criteria, please refer to the RFID Configurator at:
www.siemens.com/rfid-configuration
For bus cables and RFID standard cables as well as additional accessories, see Catalog ID 10.

SIMATIC RF600 labels
SIMATIC RF600 is the RFID system for the UHF range.

Ordering overview – Edition 12/2017
usa.siemens.com/simatic-ident

For bus cables and RFID standard cables as well as additional accessories, see Catalog ID 10.

Security information
Siemens provides products and solutions with industrial security functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial security concept. Siemens’ products and solutions only form one element of such a concept. Customer is responsible to prevent unauthorized access to its plants, systems, machines and networks. Systems, machines and components should only be connected to the enterprise network or the internet if and to the extent necessary and with appropriate security measures (e.g. use of firewalls and network segmentation) in place. Additionally, Siemens’...
**Ordering overview SIMATIC RF600**

**Product Description**

Article No.*)

SIMATIC RF600 labels***) and transponder

***) Customized labels on request


- ISO card transponder, for ETSI UHF reader with 1 antenna connection, 1 adaptive antenna integrated, for direct connection to Ethernet, 6GT2810-2AC10
- Large-memory transponder for ETSI 6GT2890-2AB10
- High-temperature transponder, for ETSI UHF reader with 4 antenna connections, for connection via Ethernet, OPC UA server integrated 6GT2815-2BH50
- Screw transponder for mounting on metal surfaces and non-metallic surfaces 6GT2811-6CA10-4AA0
- Antenna with automatic reversible polarization 6GT2810-2EC00
- Mobile handheld terminal UHF, incl. charger and battery, WLAN integrated 6GT2810-2EE00
- Compact antenna, linear polarization in accordance with ETSI 6GT2810-2AE80-0AX2
- High end antenna with linear polarization in accordance with ETSI 6GT2810-15A08
- Antenna with circular polarization in accordance with ETSI 6GT2810-15B08
- Antenna with automatic reversible polarization (Circular, linear), in accordance with ETSI 6GT2810-2AE81-0AX1
- Power cord 24 V, breakout cable, 5 m 6GT2810-2HG80
- RFID Systems Software & Documentation 6GT2810-2EC81
- Charging/docking station, Ethernet, USB 6GT2810-2HC81
- RFID Systems Software & Documentation 6GT2810-2EE00
- Spacer for attaching to metal surfaces, in combination with fixing pocket 6GT2811-6CA10-1AA0
- Spacer for attaching to metal surfaces 6GT2810-2AC00
- Large-memory transponder for ETSI 6GT2898-0BB00
- SmartLabel, plastic PET, adhesive on one side, 74 mm x 27 mm, for ETSI 6GT2811-6AB20-4AA0
- SmartLabel, plastic PET, adhesive on one side, 97 mm x 27 mm, for ETSI 6GT2811-6BB20-4AA0
- Spacer for attaching to metal surfaces 6GT2810-2EE00

**Ordering overview SIMATIC RF600 reader**

- UHF reader with 4 antenna connections, for connection via Ethernet, OPC UA server integrated 6GT2811-4AB20-0AA0
- Antenna with automatic reversible polarization in accordance with ETSI 6GT2811-4AB20-1AA0
- UHF reader with 4 antenna connections, for direct connection to Ethernet, PROFINET, Ethernet/IP or PROFIBUS via communication module, OPC UA Server integrated 6GT2811-4AA10-0AA0
- Antenna with circular polarization in accordance with ETSI 6GT2811-4A0A0-0AA0
- Antenna with automatic reversible polarization (Circular, linear), in accordance with ETSI 6GT2811-4A0A0-0AA1
- Mobile handheld terminal UHF, incl. charger and battery, WLAN integrated 6GT2811-4A050

**Ordering overview SIMATIC RF600 antennas**

- Compact antenna, linear polarization in accordance with ETSI 6GT2812-1A0A0
- High end antenna with linear polarization in accordance with ETSI 6GT2812-15A08
- Antenna with circular polarization in accordance with ETSI 6GT2812-15B08
- Antenna with automatic reversible polarization (Circular, linear), in accordance with ETSI 6GT2812-1A0A0
- Smartphone antenna, plastic PET, adhesive on one side, 88 mm x 25 mm, for ETSI 6GT2812-15A08
- Smartphone antenna, plastic PET, adhesive on one side, 97 mm x 27 mm, for ETSI 6GT2812-15B08

**Ordering overview SIMATIC RF600 accessories**

- Antenna cable
  - Length 1 m, Ø 0.5 mm, attenuation 0.5 dB 6GT2190-0AA00
  - Length 3 m, Ø 0.5 mm, attenuation 1 dB 6GT2190-0AB00
  - Length 5 m, Ø 0.5 mm, attenuation 5 dB, braiding cable 6GT2190-0BC00
  - Length 10 m, Ø 0.75 mm, attenuation 4 dB 6GT2190-0BD00
  - Length 10 m, Ø 0.75 mm, attenuation 4 dB 6GT2190-0BN11
  - Length 20 m, Ø 0.75 mm, attenuation 4 dB 6GT2190-0BN12
  - Length 40 m, Ø 0.75 mm, attenuation 5 dB 6GT2190-0BN41
- Antenna mounting kit
  - For flexible mounting 6GT2190-0AB00
- Software/Documentation
  - RFID Systems Software & Documentation 6GT2810-2A0A2

**Ordering overview SIMATIC RF600**

**Ordering overview SIMATIC RF600 reader**

4 KB FRAM 6GT2891-0PH50
- Spacer for attaching to metal surfaces 6GT2810-4HC81
- Spacer for attaching to metal surfaces, in combination with fixing pocket 6GT2811-6CA10-1AA0
- Fixed connector for mounting on metal surfaces and non-metallic surfaces 6GT2810-2AC00
- Fixing pocket for attaching to metal surfaces 6GT2810-2EC00
- Power supply 100 V AC ... 240 V AC / 24 V DC, 3 A 6GT2811-4AB20-0AA0
- Wide-range power supply 100 V AC ... 240 V AC / 24 V DC, 3 A with UK connector version 6GT2811-4AB20-0AA0
- Wide-range power supply 100 V AC ... 240 V AC / 24 V DC, 3 A with EU connector version 6GT2811-4AB20-0AA0
- Wide-range power supply 100 V AC ... 240 V AC / 24 V DC, 3 A with US connector version 6GT2811-4AB20-0AA0
- RFID Systems Software & Documentation 6GT2811-4AB20-0AA0

**Ordering overview SIMATIC RF600 antennas**

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**Ordering overview SIMATIC RF600 accessories**

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