SIMATIC RF200-/RF300 configuration

RFID systems for the HF range

RF200 / RF300 / RF1000

Ordering overview – Edition 12/2017

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Product Description

Article No. *)
Accessories

IO-Link master module

for SIMATIC ET 200eco PN for up to 4 readers, 4 x M12

for SIMATIC ET 200S for up to 4 readers

Communication module for connecting up to 2 readers


6GT2002-4JD00

Communication module for PROFINET

Communication module for Ethernet

6GT2080-2AA20

Communication module for connecting to ET 200pro

6ES7194-3AA00-0BA0

6ES7147-5JD00-0BA0

6ES7137-6BD00-0BA0

6GT2002-0HD01

6ES7148-6JD00-0AB0

6GT2002-0EF00

for SIMATIC ET 200SP for up to 4 readers

for SIMATIC ET 200AL for up to 4 readers

6GT2002-0JD00

6GT2002-1JD00

6GT2002-0JD20

6GT2002-2JD00

6GT2002-1HD01

6ES7194-3AA00-0BA0

You will find up-to-date ordering data on the Internet at:


In order to protect plants, systems, machines and networks against cyber security threats, the state-of-the-art industrial security concept comprises a number of elements, including Siemens’ products and solutions. These products and solutions can be the basis for an effective, state-of-the-art industrial security concept. The 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 when absolutely necessary.

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Global integration

SCM (Supply Chain Management)

Business administration control

Manufacturing execution system (MES)

Production control

Materials Resource Planning

MOS or RSX (Organizational Resource, Material, Data Exchange)

control level

Access level

Mobile data storage cells

SIMATIC RF180C, RF182C

Connection block for SIMATIC

RF181EIP SIMATIC

RF250RRF220RRF350RRF350RRF310R

RS422/RS232

RS485

RS422

PROFIBUS DP-V0 to SIMATIC S7-1200

PROFIBUS DP-V1 to SIMATIC S7-1500

PROFIBUS Master for SIMATIC ET 200pro with CP 443-1 or CP 443-5 ET 200pro with CP 443-1 or CP 443-5

CP 443-5 ET 200pro with CP 443-1 or CP 443-5

Conditions of sales and delivery are available at:


updates as soon as available and to always use the latest product versions.

Use of product versions that are no longer supported, and failure to apply latest updates may increase customer’s exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Security RSS Feed under


SCM (Supply Chain Management)

Business administration control

SIMATIC connection

Connection to PC and third-party controllers

S7-1500 with SCALANCE X100-5

S7-1200 with SIMATIC IT Execution System (Manufacturing Execution System)

RFID systems for the HF range

RF200 / RF300 / RF1000

Ordering overview – Edition 12/2017

RFID systems software & documentation

3272998 (AXX1)

Contact us:

Siemens Industry, Inc.
100 Technology Dr.
Alpharetta, GA 30005

1-800-552-4001

1-800-552-4002

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Ordering overview of SIMATIC RF200, SIMATIC RF300 and SIMATIC FR1000 for the HF range (13.56 MHz)

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

SIMATIC RF200 reader
- Reader in block format with integrated antenna (RS232), scanmode version
- Reader in block format with integrated antenna (RS422)

SIMATIC RF300 reader
- Universal transponder, can be mounted directly on metal, 32 Kbyte FRAM
- Disk transponder, 2000 byte FRAM
- Screwing transponder, 8192 byte FRAM
- Heat-resistant transponder, 992 byte EEPROM
- Transponder in credit card format, 112 byte EEPROM
- Rugged transponder in credit card format, 752 byte EEPROM

SIMATIC FR1000 reader
- SIMATIC RF1060R
- SIMATIC RF350M
- SIMATIC RF380R
- SIMATIC RF290R
- SIMATIC RF280R ASCII
- SIMATIC RF260R IO-Link V1.0
- SIMATIC RF260R
- SIMATIC RF250R
- SIMATIC RF240R IO-Link V1.1
- SIMATIC RF240R ASCII
- SIMATIC RF240R
- SIMATIC RF210R IO-Link V1.1
- SIMATIC RF210R IO-Link V1.0
- SIMATIC RF210R

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