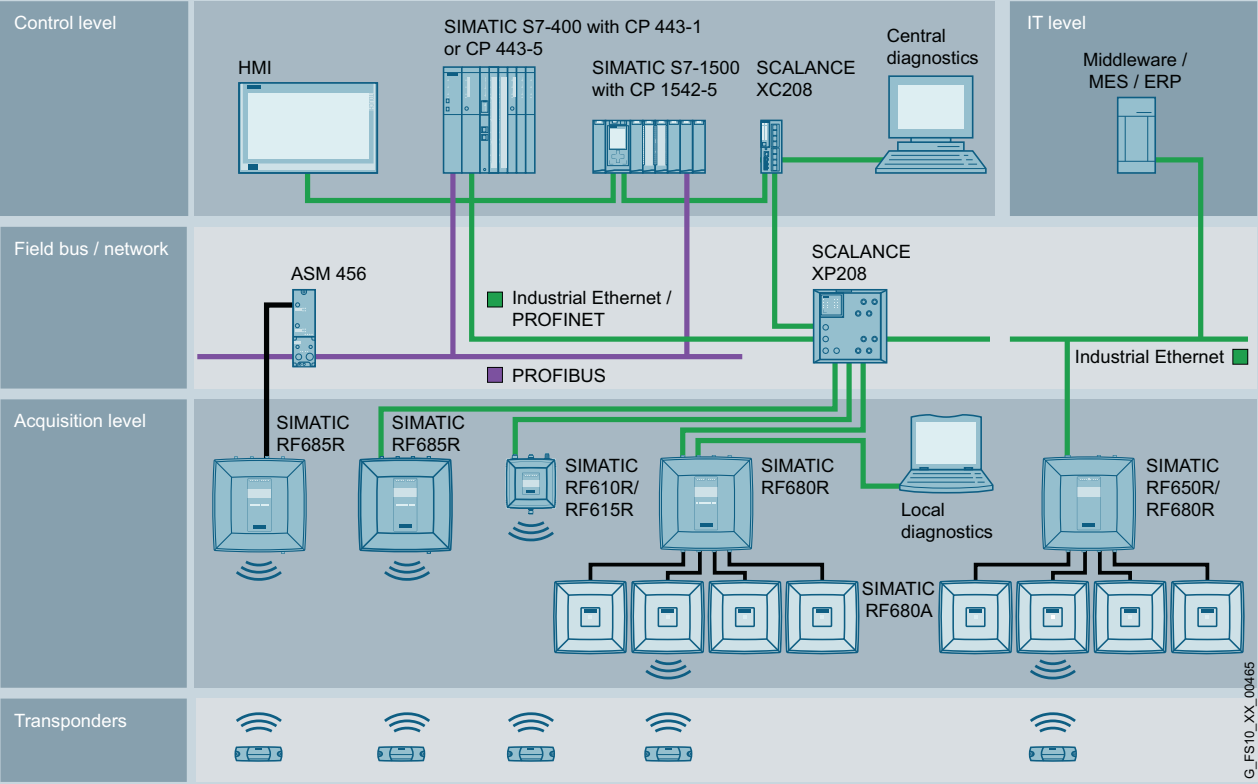


SIMATIC RF600 Configuration



G.FS10_XX_00465

The TIA Selection Tool is available to support the selection of SIMATIC Ident components:
www.siemens.com/tst



siemens.com/rf600

Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract. All product designations may be trademarks or product names of Siemens AG or other supplier companies whose use by third parties for their own purposes could violate the rights of the owners.

Published by
Siemens AG
Digital Industries
Process Automation
Ostliche Rheinbrückenstr. 50
76187 Karlsruhe, Germany
Article no. 6ZB5330-0B102-0B8
BR 1019 Z, LMB 10 En
Produced in Germany
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SIEMENS



SIMATIC Ident

SIMATIC RF600

RFID system for the UHF range
Ordering overview – Edition 11/2019

siemens.com/rf600

Ordering overview "SIMATIC RF600"

	Product	Comments	Article no. ¹⁾
	ASM 456	Communication module for connecting up to 2 readers to PROFIBUS DP-V1	6GT2002-0ED00
	Connection block for ASM 456	ECOFAST	6ES7194-3AA00-0AA0
		M12, 7/8"	6ES7194-3AA00-0BA0

For bus cables and RFID standard cables as well as additional accessories, see at: www.siemens.com/industrymall
For precise system and component selection criteria, please refer to the RFID Configurator at: www.siemens.com/rfid-configuration
All current approvals can be found on the Internet at: www.siemens.com/rfid-approvals

- 1) You will find up-to-date ordering data on the Internet at: www.siemens.com/industrymall
Conditions of sales and delivery are available at: www.siemens.com/automation/salesmaterial-as/catalog/en/terms_of_trade_en.pdf
- 2) Customized labels on request
 - 3) ETSI: for Europe, 865 to 868 MHz
 - 4) FCC: for USA, 902 to 928 MHz
 - 5) CMIIT: for China, 920 to 925 MHz
 - 6) ARIB: for Japan, 920 to 924 MHz
 - 7) ARIB: for Japan, 916 to 920 MHz

Ordering overview "SiMATIC RF600"			
	Product	Comments	Article no. ¹⁾
SiMATIC RF600 labels ²⁾ and transponder			
	SIMATIC RF630L	SmartLabel, plastic PET, adhesive on one side, 105 mm x 25 mm, for ETSI ³⁾ , FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2810-2AE80-0AX2
		SmartLabel, plastic PET, adhesive on one side, 97 mm x 27 mm, for ETSI ³⁾ , FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2810-2AB02-0AX0
		SmartLabel, plastic PET, adhesive on one side, 90 mm x 30 mm, for ETSI ³⁾ , FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2810-2AE81-0AX0
		SmartLabel, plastic PET, adhesive on one side, 80 mm x 26 mm, for ETSI ³⁾ , FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2810-2AE81-0AX2
		SmartLabel, plastic PET, adhesive on one side, 74 mm x 27 mm, for ETSI ³⁾ , FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2810-2AB04
		SmartLabel, plastic PET, adhesive on one side, 54 mm x 34 mm, for ETSI ³⁾ , FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2810-2AB03
		SmartLabel, plastic PET, adhesive on one side, 45 mm x 20 mm, for ETSI ³⁾ , FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2810-2AC82
	SIMATIC RF642L	On-metal-label with large memory, top side PET, 50 mm x 22.5 mm x 1.6 mm, for mounting on metallic surfaces and non-metallic surfaces	
		For ETSI ³⁾	6GT2810-3AC00
		For FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2810-3AC10
	SIMATIC RF690L	On-metal-label, heat-proof, for mounting on metallic surfaces and non-metallic surfaces	
		For ETSI ³⁾ , 88 mm x 25 mm x 1.6 mm	6GT2810-2AG00
		For FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)} , 77 mm x 25 mm x 1.6 mm	6GT2810-2AG10
	SIMATIC RF610T	ISO card transponder, for ETSI ³⁾ , FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2810-2BB80
		ISO card transponder, for ETSI ³⁾ , FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)} with ATEX approval zone 2/22	6GT2810-2BB80-0AX1
		Fixing pocket for attaching to metallic surfaces, in combination with spacer 6GT2190-0AA00	6GT2190-0AB00
		Spacer for attaching to metallic surfaces, in combination with fixing pocket 6GT2190-0AB00	6GT2190-0AA00
	SIMATIC RF620T	Container transponder, for ETSI ³⁾ , FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2810-2HC81
		Spacer for attaching to metallic surfaces	6GT2898-2AA00
	SIMATIC RF625T	Compact on-metal-transponder, mounting on metallic surfaces and non-metallic surfaces	
		For ETSI ³⁾	6GT2810-2EE00
		For FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2810-2EE01
	SIMATIC RF630T	Screw transponder, mounting on metallic surfaces and non-metallic surfaces	
		For ETSI ³⁾	6GT2810-2EC00
		For FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2810-2EC10
	SIMATIC RF640T	Tool transponder, mounting on metallic surfaces and non-metallic surfaces	
		For ETSI ³⁾	6GT2810-2DC00
		For FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2810-2DC10
	SIMATIC RF645T	On-metal-transponder for ETSI ³⁾ , FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)} , mounting on metallic surfaces and non-metallic surfaces	6GT2810-2HC05
		Fixing hood	6GT2898-5AA00
		Fixing bracket	6GT2898-5AB00
	SIMATIC RF680T	High-temperature transponder, for ETSI ³⁾ , FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2810-2HG80
	SIMATIC RF682T	High-temperature transponder with large memory for ETSI ³⁾ , FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2810-3HG80
	Mounting bracket	Made of stainless steel for SIMATIC RF680T and SIMATIC RF682T, minimum order 20 pieces	6GT2890-2AA00
SiMATIC RF600 Reader			
	SIMATIC RF610R	Compact UHF reader with 1 circular polarized antenna integrated, for direct connection to Ethernet, PROFINET, EtherNet/IP or PROFIBUS via communication module, OPC UA Server integrated	
		For ETSI ³⁾	6GT2811-6BC10-0AA0
		For FCC ⁴⁾	6GT2811-6BC10-1AA0
		For CMIIT ⁵⁾	6GT2811-6BC10-2AA0
	SIMATIC RF615R	Compact UHF reader with 1 antenna connection, 1 circular polarized antenna integrated, for direct connection to Ethernet, PROFINET, EtherNet/IP or PROFIBUS via communication module, OPC UA Server integrated	
		For ETSI ³⁾	6GT2811-6CC10-0AA0
		For FCC ⁴⁾	6GT2811-6CC10-1AA0
		For CMIIT ⁵⁾	6GT2811-6CC10-2AA0
	SIMATIC RF650R	UHF reader with 4 antenna connections, for connection via Ethernet, OPC UA server integrated	
		For ETSI ³⁾	6GT2811-6AB20-0AA0
		For FCC ⁴⁾	6GT2811-6AB20-1AA0
		For CMIIT ⁵⁾	6GT2811-6AB20-2AA0
		For ARIB ⁶⁾	6GT2811-6AB20-4AA0
	SIMATIC RF680R	UHF reader with 4 antenna connections, for direct connection to Ethernet, PROFINET, EtherNet/IP or PROFIBUS via communication module, OPC UA Server integrated	
		For ETSI ³⁾	6GT2811-6AA10-0AA0
		For FCC ⁴⁾	6GT2811-6AA10-1AA0
		For CMIIT ⁵⁾	6GT2811-6AA10-2AA0
		For ARIB ⁷⁾	6GT2811-6AA10-4AA0
	SIMATIC RF685R	UHF reader with 1 antenna connection, 1 adaptive antenna integrated, for direct connection to Ethernet, PROFINET, EtherNet/IP or PROFIBUS via communication module, OPC UA Server integrated	
		For ETSI ³⁾	6GT2811-6CA10-0AA0
		For FCC ⁴⁾	6GT2811-6CA10-1AA0
		For CMIIT ⁵⁾	6GT2811-6CA10-2AA0
		For ARIB ⁷⁾	6GT2811-6CA10-4AA0
	SIMATIC RF650M	Mobile handheld terminal UHF, incl. charger and battery, WLAN integrated	
		For ETSI ³⁾	6GT2813-0CA00
		For FCC ⁴⁾	6GT2813-0CA10
		Accessories	
		Charging/docking station, Ethernet, USB	6GT2898-0BB00
SiMATIC RF600 antennas			
	SIMATIC RF615A	Compact antenna 52 x 52 x 16 mm (LxWxH), linear polarization	
		For ETSI ³⁾	6GT2812-0EA00
		For FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2812-0EA01
	SIMATIC RF620A	Compact antenna 75 x 73 x 20 mm (LxWxH), linear polarization	
		For ETSI ³⁾	6GT2812-1EA00
		For FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2812-1EA01
	SIMATIC RF642A	Antenna with linear polarization for ETSI ³⁾ , FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2812-1GA08
	SIMATIC RF650A	Antenna with circular polarization for ETSI ³⁾ , FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2812-0GB08
SIMATIC RF660A	Antenna with circular polarization		
	For ETSI ³⁾	6GT2812-0AA00	
	For FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2812-0AA01	
SIMATIC RF680A	High end antenna with automatic reversible polarization (circular, linear), for ETSI ³⁾ , FCC ⁴⁾ , CMIIT ⁵⁾ , ARIB ^{6) 7)}	6GT2812-2GB08	
Accessories for antennas			
	Antenna cable	Length 1 m, Ø 5 mm, attenuation 0.5 dB	6GT2815-0BH10
		Length 3 m, Ø 5 mm, attenuation 1 dB	6GT2815-0BH30
		Length 5 m, Ø 5.5 mm, attenuation 1.5 dB, trailing cable	6GT2815-2BH50
		Length 10 m, Ø 7.6 mm, attenuation 2 dB	6GT2815-1BN10
		Length 10 m, Ø 5 mm, attenuation 4 dB	6GT2815-0BN10
		Length 15 m, Ø 5.5 mm, attenuation 4.5 dB, trailing cable	6GT2815-2BN15
		Length 20 m, Ø 7.6 mm, attenuation 4 dB	6GT2815-0BN20
		Length 40 m, Ø 10.3 mm, attenuation 5 dB	6GT2815-0BN40
	Antenna mounting kit	For flexible mounting of antennas and readers	6GT2890-2AB10
Software/Documentation/Accessories			
	Accessories	Wide-range power supply 100 V AC ... 240 V AC / 24 V DC, 3 A with EU connector version	6GT2898-0AC00
		Wide-range power supply 100 V AC ... 240 V AC / 24 V DC, 3 A with UK connector version	6GT2898-0AC10
		Wide-range power supply 100 V AC ... 240 V AC / 24 V DC, 3 A with US connector version	6GT2898-0AC20
		Cable for wide-range power supply, 24 V, 5 m	6GT2891-0PH50
		Power cord 24 V, breakout cable, 5 m	6GT2891-4EH50
DVD	RFID Systems Software & Documentation	6GT2080-2AA20	