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Data sheet 6GT2813-1FA00

product type designation	**UHF module RF660H ETSI**
	SIMATIC RF660H ETSI UHF RFID reader module; only to be operated with basic device RF160B (6GT2003-0FA00); for Europe (ETSI).



suitability for operation	RF600 transponder; only to be operated with RF160B
range	1300 mm
radio frequencies	
operating frequency	865 ... 868 MHz
equivalent isotropically radiated power	9 ... 400 mW
electrical data	
protocol / with radio transmission	EPCglobal Class 1 Gen 2 / ISO 18000-63
transfer rate / with radio transmission / maximum	400 kbit/s
product feature / multitag-capable	Yes
polarization	Linear
supply voltage, current consumption, power loss	
type of current supply	via RF160B basic device
type of battery	--
ambient conditions	
ambient temperature	
• during operation	-20 ... +50 °C
• during storage	-20 ... +60 °C
relative humidity / at 25 °C / without condensation / during operation / maximum	90 %
protection class IP	IP65
design, dimensions and weights	
width	85 mm
height	52 mm
depth	27 mm
net weight	0.06 kg
product features, product functions, product components / general	
design of the interface	system internal to RF 160B
standards, specifications, approvals	
certificate of suitability	EMC: EN301 489, EN55032 security: EN 62368-1 RF: EN 302 208
reference code	
• according to IEC 81346-2:2019	BYB
accessories	
accessories	SIMATIC RF RF160B basic device
further information / internet links	
internet link	
• to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
• to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
• to web page: RFID country approval	https://www.siemens.com/rfid-approvals
• to web page: identification and localization systems	https://www.siemens.com/ident

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● to website: Industrial communication	https://www.siemens.com/simatic-net
● to web page: SiePortal	https://sieportal.siemens.com/
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com

security information

security information	Siemens provides products and solutions with industrial cybersecurity 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 cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Approvals / Certificates

General Product Approval	Radio Equipment Type Approval Certificate
UKCA CE EG-Konf.	Miscellaneous

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