SIEMENS

Data sheet	**6GT2813-1FA20**

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

suitability for operation	RF600 transponder; only to be operated with RF160B
range	1300 mm
radio frequencies	
operating frequency	920 ... 925 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
accessories	
accessories	SIMATIC RF RF160B basic device
further information / internet links	
internet link	
● to web page: selection aid TIA Selection Tool	https://support.industry.siemens.com/cs/ww/en/view/67384964
● to website: Industrial communication	http://www.siemens.com/ident/rfid
● to website: Industry Mall	https://mall.industry.siemens.com
● to website: Information and Download Center	http://www.siemens.com/industry/infocenter
● to website: Image database	http://automation.siemens.com/bilddb
● to website: CAx-Download-Manager	http://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com
last modified:	5/28/2023

6/28/2023