SIEMENS

Data sheet 6GT2823-0AA00

product type designation	**RF210M hand-held reader**
	SIMATIC RF200 handheld reader RF210M, with integr. RFID write/read unit RF210R, RS422 interface incl. 2 m connection cable.



product brand name	SIMATIC RF
Technical Product Detail Page	https://i.siemens.com/1P6GT2823-0AA00
suitability for operation	RF200/ISO 15693 transponder, to connect to communication modules via spiral cable with usable length of 2 m to 3.5 m
range	0 ... 20 mm
radio frequencies	
operating frequency / rated value	13.56 MHz
electrical data	
protocol / with radio transmission	ISO 15693, ISO 18000-3
transfer rate / with radio transmission / maximum	26.5 kbit/s
product feature / multitag-capable	No
supply voltage, current consumption, power loss	
type of current supply	24 V via communication module
type of battery	--
ambient conditions	
ambient temperature	
● during operation	-20 ... +50 °C
● during storage	-25 ... +60 °C
height of fall / maximum	1.5 m
protection class IP	IP54
design, dimensions and weights	
width	195 mm
height	140 mm
depth	26 mm
net weight	0.46 kg
product features, product functions, product components / general	
design of the display	3 color LED
design of the interface	M12 8-pole with RS422 at spiral cable, which is permanently fixed to the reader
product functions / management, configuration, engineering	
product function / of the software	Function blocks for execution of ISO15693 transponders
type of programming	Function blocks FB 45/55, ident profile
standards, specifications, approvals	
certificate of suitability	Wireless according to R&TTE guidelines EN300 330 and EN 301489, FCC, UL/CSA
standards, specifications, approvals / Environmental Product Declaration	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
● total	50.4 kg

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● during manufacturing	10.7 kg
● during operation	39.4 kg
● after end of life	0.3 kg

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
● 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

China RoHS | Manufacturer Declaration

General Product Approval		EMV	Radio Equipment Type Approval Certificate		Environment
	Manufacturer Declaration		Industry Canada (IC)	Miscellaneous	

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