

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).



Technical Product Detail Page

<https://i.siemens.com/1P6GT2813-1FA20>

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

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### 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

SRRC

### 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>

- to website: Industrial communication
- to web page: SiePortal
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

<https://www.siemens.com/simatic-net>  
<https://sieportal.siemens.com/>  
<https://www.automation.siemens.com/bilddb>  
<https://www.siemens.com/cax>  
<https://support.industry.siemens.com>

## security information

security information

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## Approvals / Certificates

### General Product Approval

[China RoHS](#)

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