

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

- 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

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Approvals / Certificates

General Product Approval

Radio Equipment Type Approval Certificate



[Miscellaneous](#)

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