

product type designation

**UHF module RF660H FCC**

SIMATIC RF660H FCC UHF RFID reader module; only to be operated with basic device RF160B (6GT2003-0FA00); for North America/Canada (FCC).



suitability for operation	RF600 transponder; only to be operated with RF160B
range	1300 mm
<b>radio frequencies</b>	
operating frequency	902 ... 928 MHz
equivalent isotropically radiated power	8.5 ... 380 mW
<b>electrical data</b>	
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
<b>supply voltage, current consumption, power loss</b>	
type of current supply	via RF160B basic device
type of battery	--
<b>ambient conditions</b>	
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
<b>design, dimensions and weights</b>	
width	85 mm
height	52 mm
depth	27 mm
net weight	0.06 kg
<b>product features, product functions, product components / general</b>	
design of the interface	system internal to RF 160B
<b>standards, specifications, approvals</b>	
certificate of suitability	FCC Part 15
<b>accessories</b>	
accessories	SIMATIC RF RF160B basic device
<b>further information / internet links</b>	
internet link	
• to web page: selection aid TIA Selection Tool	<a href="https://support.industry.siemens.com/cs/ww/en/view/67384964">https://support.industry.siemens.com/cs/ww/en/view/67384964</a>
• to website: Industrial communication	<a href="http://www.siemens.com/ident/rfid">http://www.siemens.com/ident/rfid</a>
• to website: Industry Mall	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
• to website: Information and Download Center	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
• to website: Image database	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
• to website: CAx-Download-Manager	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>

last modified:

5/28/2023 