SIEMENS

product type designation	HF module RF360H for external antenna
	SIMATIC RF360H HF RFID reader module; only to be operated with basic device RF160B (6GT2003-0FA00); for RF200/RF300; for external antennas

suitability for operation	RF300, RF200/ISO 15693 and MOBY E transponder, especially for small transponders; only to be operated with RF160B
range	100 mm
range / note	dependent of the type of external antenna

radio frequencies

operating frequency / rated value	13.56 MHz

electrical data

protocol / with radio transmission	RF300 specific, ISO 15693, ISO 18000-3, ISO 14443
transfer rate / with radio transmission / maximum	106 kbit/s
product feature / multitag-capable	No

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	89 mm
depth	41 mm
net weight	0.25 kg

product features, product functions, product components / general

design of the interface	system internal to RF 160B

standards, specifications, approvals

certificate of suitability	EMC: EN 55032, EN 301 489, EN 300 330, safety: 62368-1, FCC Part 15.225

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

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