SIEMENS

Data sheet   **6GT2003-0FA00**

product type designation	**RF160B mobile handheld terminal (basic device)**
	SIMATIC RF160B RFID mobile reader basic device for RF200/300 (HF) and RF600 (UHF) with user software and rechargeable battery; without charging/docking station.

suitability for operation	for RFID modules RF360H/RF660H
optical data	
fastening method / of lens	Integrated
type of light source	LED
picture recording frequency / maximum	60 Hz
type of focusing	autofocus
supply voltage, current consumption, power loss	
type of current supply	Battery operation or mains operation via docking station
type of battery	Lithium ion accumulator, fast charging capability
type of battery / as back-up battery / integrated	supercapacitor; 10 F; 2.7 V
battery capacity	6 A·h
operating period / with standard battery / typical	9.5 h
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 %
height of fall / maximum	1.2 m
protection class IP	IP65
design, dimensions and weights	
width	82 mm
height	174 mm
depth	28 mm
net weight	0.4 kg
product features, product functions, product components / general	
design of the display	4.8" TFT color display with LED backlight, 1280 x 720 pixels
operator element version	2 keys and touch display
design of acoustic signaling element	micro speaker
design of the interface	WLAN, USB and Ethernet via charging station
storage capacity	
● of the RAM	2000 Mibyte
● of the data and program memory	16000 Mibyte
product functions / management, configuration, engineering	
operating system / pre-installed	Android 9.0, modified
product function / of the software	App for RFID functionality HF+UHF
type of programming	API available
standards, specifications, approvals	
certificate of suitability	RE Directive 2014/53/EU

accessories	
accessories	charging/docking station with USB and Ethernet interface, spare battery , pistol handle
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
● to website: Industry Online Support	https://support.industry.siemens.com

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