

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 Miabyte
• of the data and program memory	16000 Miabyte

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
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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
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

<https://support.industry.siemens.com/cs/ww/en/view/67384964>
<http://www.siemens.com/ident/rfid>
<https://mall.industry.siemens.com>
<http://www.siemens.com/industry/infocenter>
<http://automation.siemens.com/bilddb>
<http://www.siemens.com/cax>
<https://support.industry.siemens.com>

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