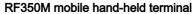
SIEMENS

Data sheet 6GT2803-1BA00

Product type designation

Suitability for operation



RF300- and RF200/ISO 15693 transponder

SIMATIC RF300 HANDHELD TERMINAL RF350M; RF300 AND ISO15693; BASIC UNIT NID-MERLIN; WITH INTEGR. RFID-READ-/WRITE UNIT AND USER SOFTWARE; OPERATION SYSTEM WIN CE; WITH RECHARGEABLE BATTERY W/O CHARGING-/DOCKING STATION



Range	80 mm	
Wireless frequencies		
Operating frequency / Rated value	13.56 MHz	
Electrical data		
Protocol / with radio transmission	RF300-specific, ISO 15693, ISO 18000-3	
Transfer rate / with radio transmission / maximum	106 kbit/s	
Product feature / multitag-capable	No	
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	Lithium ion battery, permanently installed, cannot be replaced by customer	
Battery capacity	2.6 A·h	
Operating period / with standard battery / typical	8 h	
Permitted ambient conditions		
Ambient temperature		

during operation	-20 +55 °C
during storage	-20 +60 °C
Relative humidity / at 25 °C / without condensation /	95 %
during operation / maximum	
Height of fall / maximum	1.2 m
Protection class IP	IP54
Design, dimensions and weight	
Width	90 mm
Height	250 mm
Depth	47 mm
Net weight	0.6 kg
Product properties, functions, components / gener	al
Design of the display	QVGA color touch screen 3.5 inch, 240 x 320 pixels
Operator element version	Alphanumeric
Design of acoustic signaling element	Speakers
Design of the interface	WLAN, USB and Ethernet via charging station
Storage capacity	
• of the RAM	256 Mibyte
of the data and program memory	288 Mibyte
• of the data memory / can be used	256 Mibyte
Product functions / management, configuration	
Operating system / pre-installed	Windows Embedded CE 6.0
Product function / of the software	Record, process, search of RF300 and ISO15693-transponders
Standards, specifications, approvals	
Certificate of suitability	EMC: EN 55022, EN 301 489, EN 300 330, EN 300 328, EN 301
·	893, safety: EN 60950
Accessories	
accessories	Charging/docking station with USB- and Ethernet interface,
	changeable accumulator Li-ion 2600 mAh / 7,4 V
Further Information / Internet Links	
Internet-Link	
 to website: Selector SIMATIC NET 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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