

product type designation



RF350M mobile hand-held terminal

SIMATIC RF300 handheld terminal RF350M; RF300, ISO 15693 and MOBY E; Basic unit Nordic ID Merlin; with integrated RFID read/write unit and user software; Windows CE operating system; with battery; without charging/docking station

suitability for operation	RF300, RF200/ISO 15693 and MOBY E transponder
range	80 mm
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	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
ambient conditions	
ambient temperature	
• during operation	-20 ... +55 °C
• during storage	-20 ... +60 °C
relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
height of fall / maximum	1.2 m
protection class IP	IP54
design, dimensions and weights	
width	90 mm
height	250 mm
depth	47 mm
net weight	0.6 kg
product features, product functions, product components / general	
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, engineering	

operating system / pre-installed	Windows Embedded CE 6.0
product function / of the software	recording, editing, searching RF300, MDS E6xx 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 <ul style="list-style-type: none"> • 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
last modified:	12/18/2020 