

Product type designation

MDS D261 label

HF LABEL MDS D261 FOR RF200/ RF300 ISO/ MOBY D PET LABEL, ADHESIVE ISO 15693 CHIP TYPE, STM LRI2K, 256 BYTE USER MEMORY; 55 X 55 X 0.3MM (LXDXH); -25 UP TO +85 DGR; MINIMAL ORDER QUANTITY 1000 PCS



Wireless frequencies

Operating frequency / Rated value	13.56 MHz
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Electrical data

Range / maximum	500 mm; range is reader dependent: observe http://support.automation.siemens.com/WW/view/en/67384964
Protocol / with radio transmission	ISO 15693
Transfer rate / with radio transmission / maximum	26.5 kbit/s
Product property / multitag-capable	Yes
Product component / Backup battery	No

Memory

Type of memory	EEPROM
Storage capacity / of the user memory	256 byte
Type of memory organization	UID (fixed code) 8 bytes, user memory 256 bytes, configuration memory 8 bytes
Number of read cycles / at ambient temperature < 40 °C / maximum	100000000000000
Number of write cycles / at ambient temperature < 40 °C / maximum	1000000
Data retention time / at ambient temperature < 40 °C / not less than	10 y
Property of memory	Block-by-block write protection of the user memory
Type of transponder chip used	STM LRI2K

Mechanical data

Material	Top side + inlay: PET, antenna aluminum
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Color	white
Mounting distance / relating to metal surfaces / recommended / minimum	25 mm

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during read/write access 	-25 ... +85 °C
<ul style="list-style-type: none"> outside the read/write area 	-25 ... +85 °C
<ul style="list-style-type: none"> during storage 	20 ... 30 °C
Protection class IP	IP65
Resistance to mechanical stress	Maximum storage period: 2 years (determined by durability of the adhesive)

Design, dimensions and weight

Width	55 mm
Height	0.3 mm
Depth	55 mm
Net weight	1 g
Mounting type	one-side adhesible

Product properties, functions, components / general

Product property	
<ul style="list-style-type: none"> printable 	Yes
Printing process	Thermal transfer process

Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> to website: Selector SIMATIC NET SELECTION TOOL 	http://www.siemens.com/snst
<ul style="list-style-type: none"> to website: Industrial communication 	http://www.siemens.com/simatic-net
<ul style="list-style-type: none"> to website: Industry Mall 	https://mall.industry.siemens.com
<ul style="list-style-type: none"> to website: Information and Download Center 	http://www.siemens.com/automation/net/catalog
<ul style="list-style-type: none"> to website: Image database 	http://automation.siemens.com/bilddb
<ul style="list-style-type: none"> to website: CAx Download Manager 	http://www.siemens.com/cax
<ul style="list-style-type: none"> to website: Industry Online Support 	https://support.industry.siemens.com

last modified: 09.03.2015