

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; 55x 55x 0.3 mm (LxWxH); Minimum order quantity 1000 units



Suitability for operation

RF200, RF300, MOBY D

Radio frequencies

Operating frequency / Rated value	13.56 MHz
Range / maximum	450 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 feature / multitag-capable	Yes

Electrical data

Product component / Backup battery	No
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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	10000000000000

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
Color	white
Mounting distance / relating to metal surfaces / recommended / minimum	25 mm

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 weights

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

Product features, product functions, product components / general

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

Standards, specifications, approvals

Certificate of suitability	
<ul style="list-style-type: none"> IECEX 	No

Further information / Internet-Links

Internet-Link	
<ul style="list-style-type: none"> to website: Selector SIMATIC NET SELECTION TOOL 	https://support.industry.siemens.com/cs/ww/en/view/67384964
<ul style="list-style-type: none"> to website: Industrial communication 	http://www.siemens.com/ident/rfid
<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/industry/infocenter
<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

- to website: Industry Online Support

<https://support.industry.siemens.com>

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