

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 <a href="http://support.automation.siemens.com/WW/view/en/67384964">http://support.automation.siemens.com/WW/view/en/67384964</a>
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

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"> <li>during read/write access</li> </ul>	-25 ... +85 °C
<ul style="list-style-type: none"> <li>outside the read/write area</li> </ul>	-25 ... +85 °C
<ul style="list-style-type: none"> <li>during storage</li> </ul>	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"> <li>printable</li> </ul>	Yes
printing process	Thermal transfer process

#### standards, specifications, approvals

certificate of suitability	
<ul style="list-style-type: none"> <li>IECEX</li> </ul>	No

#### further information / internet-Links

Internet-Link	
<ul style="list-style-type: none"> <li>to website: Selector TIA Selection Tool</li> </ul>	<a href="https://support.industry.siemens.com/cs/ww/en/view/67384964">https://support.industry.siemens.com/cs/ww/en/view/67384964</a>
<ul style="list-style-type: none"> <li>to website: Industrial communication</li> </ul>	<a href="http://www.siemens.com/ident/rfid">http://www.siemens.com/ident/rfid</a>
<ul style="list-style-type: none"> <li>to website: Industry Mall</li> </ul>	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
<ul style="list-style-type: none"> <li>to website: Information and Download Center</li> </ul>	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
<ul style="list-style-type: none"> <li>to website: Image database</li> </ul>	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
<ul style="list-style-type: none"> <li>to website: CAx Download Manager</li> </ul>	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
<ul style="list-style-type: none"> <li>to website: Industry Online Support</li> </ul>	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

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