

MOBY E MOBILE DATA MEMORY MDS E600, ISO CARD,
EEPROM 752 BYTES, IP 68, -25 TO +60 DEGR/C, 85 X 54 X 0.8
MM



Wireless frequencies

| | |
|-----------------------------------|-----------|
| Operating frequency / Rated value | 13.56 MHz |
|-----------------------------------|-----------|

Electrical data

| | |
|---|------------|
| Range / maximum | 70 mm |
| Transfer rate / with radio transmission / maximum | 106 kbit/s |
| Product feature / multitag-capable | No |
| Product component / Backup battery | No |

Memory

| | |
|--|------------------|
| Type of memory | EEPROM |
| Storage capacity / of the user memory | 752 byte |
| Number of read cycles / at ambient temperature < 40 °C / maximum | 1000000000000000 |
| Number of write cycles / at ambient temperature < 40 °C / maximum | 1000000 |
| Data retention time / at ambient temperature < 40 °C / not less than | 10 y |

Mechanical data

| | |
|--|-------|
| Mounting distance / relating to metal surfaces / recommended / minimum | 20 mm |
|--|-------|

Permitted ambient conditions

| | |
|---|---|
| Ambient temperature | |
| <ul style="list-style-type: none"> during read/write access | -25 ... +60 °C |
| <ul style="list-style-type: none"> outside the read/write area | -25 ... +60 °C |
| <ul style="list-style-type: none"> during storage | -25 ... +60 °C |
| Protection class IP | IP68 |
| Resistance to mechanical stress | Shock and vibration according to ISO 10373 / ISO 7810, torsion and twisting according to ISO 10373 / ISO 7816-1 |

Design, dimensions and weight

| | |
|---------------|--|
| Width | 54 mm |
| Height | 0.8 mm |
| Depth | 86 mm |
| Net weight | 6 g |
| Mounting type | Gluing, mounting bag (see accessories) |

Product properties, functions, components / general

| | |
|--|-----|
| Product feature | |
| <ul style="list-style-type: none"> silicon-free | Yes |
| <ul style="list-style-type: none"> printable | No |

Standards, specifications, approvals

| | |
|------|-------|
| MTBF | 234 y |
|------|-------|

Accessories

| | |
|-------------|------------------------------|
| accessories | Fixing strap, holder, spacer |
|-------------|------------------------------|

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 |
| <ul style="list-style-type: none"> to website: Industry Online Support | https://support.industry.siemens.com |

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