

Data sheet


Touch Panel TP 604LC (62E-MDC0-DH)

Technical data

| | |
|-------------------------------------|--|
| Order no. | 62E-MDC0-DH |
| Type | Touch Panel TP 604LC |
| General information | |
| Note | - |
| Features | 4.3", TFT, 480x272 Pixel ARM11 processor, 533MHz 128 MB work memory, 128 MB user memory RS232, RS422/485, USB-A, Ethernet RJ45 (MPI/DP interface optional available) Windows Embedded CE 6.0 Core, Movicon Basic Runtime |
| Display | |
| Display size (diagonal) | 4.3 " |
| Display size (width) | 95 mm |
| Display size (height) | 54 mm |
| Resolution | 272 x 480 / 480 x 272 |
| Aspect ratio | 16:9 |
| Type of display | TFT color (64K colors) |
| MTBF Backlights (25°C) | 30000 h |
| System properties | |
| Processor | ARM11 533 MHz |
| Operating system | Windows CE 6.0 Core |
| User software | Movicon 11 CE Basic |
| Work memory | 128 MB |
| User memory | 128 MB |
| Available memory (user data) | 50 MB |
| SD/MMC Slot | ✓ |
| CF Card Slot Typ II | - |
| CFast Slot | - |
| Time | |
| Real-time clock buffered | ✓ |
| Clock buffered period (min.) | 26 w |
| Type of buffering | Manganese Rechargeable Lithium Battery |
| Load time for 50% buffering period | 5 h |
| Load time for 100% buffering period | 24 h |
| Accuracy (max. deviation per day) | 2 s |
| Operating controls | |
| Touchscreen | resistive |
| Touch function | Single Touch |
| Keyboard | external via USB |
| Mouse | external via USB |
| Interfaces | |

| | |
|-------------------------------|-----------------------|
| MPI, PROFIBUS-DP | optional |
| MPI, PROFIBUS-DP connector | - |
| Serial, COM1 | RS232 |
| COM1 connector | Sub-D, 9-pin, male |
| Serial, COM2 | RS232 / RS422 / RS485 |
| COM2 connector | Sub-D, 25-pin, female |
| Number of USB-A interfaces | 1 |
| USB-A connector | USB-A (host) |
| Number of USB-B interfaces | - |
| USB-B connector | - |
| Number of ethernet interfaces | 1 |
| Ethernet | Ethernet 10/100 MBit |
| Ethernet connector | RJ45 |
| Integrated ethernet switch | - |
| Video connectors | - |
| Audio connections | - |

Technical data power supply

| | |
|---|---|
| Power supply (rated value) | DC 24 V |
| Power supply (permitted range) | DC 20.4...28.8 V |
| Reverse polarity protection |  |
| Current consumption (no-load operation) | 0.16 A |
| Current consumption (rated value) | 0.3 A |
| Inrush current | 75 A |
| I ² t | 0.36 A ² s |
| Power loss | 6 W |

Status information, alarms, diagnostics

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|------------------------|------|
| Supply voltage display | none |
|------------------------|------|

Mechanical data

Housing / Protection type

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|-------------------------|----------------|
| Material | PC |
| Mounting | mounting clips |
| Protect type front side | IP 65 |
| Protect type back side | IP 20 |

Dimensions

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|-------------|------------------------|
| Front panel | 140 mm x 116 mm x 6 mm |
| Rear panel | 122 mm x 98 mm x 51 mm |

Installation cut-out

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| Width | 123 mm |
| Height | 99 mm |
| Minimum | 2.5 mm |
| Maximum front panel thickness | 6 mm |
| Weight | 500 g |

Environmental conditions

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|-----------------------|---------------|
| Operating temperature | 0 °C to 50 °C |
|-----------------------|---------------|

Storage temperature -20 °C to 60 °C

Certifications

UL508 certification yes
