

Data sheet

Touch Panel TP 610C (62K-JJK0-EB)

Technical data

| | |
|-------------------------------------|--|
| Order no. | 62K-JJK0-EB |
| Type | Touch Panel TP 610C |
| General information | |
| Note | - |
| Features | Display: 10.4" Processor: ARM Cortex A9 800MHz Arbeitsspeicher [MB]: 1024 Anwenderspeicher [MB]: 8192 External Slot: SD Card CF Card Schnittstellen: 1x RS232 1x 422/485 2x USB-A 1x USB-B 2x RJ45 (Ethernet) 1x MPI/PROFIBUS-DP Software: WEC7 Movicon 11 CE Standard |
| Display | |
| Display size (diagonal) | 10.4 " |
| Display size (width) | 211.2 mm |
| Display size (height) | 158.4 mm |
| Resolution | 600 x 800 / 800 x 600 |
| Aspect ratio | 4:3 |
| Type of display | TFT color (16.7M colors) |
| MTBF Backlights (25°C) | 50000 h |
| System properties | |
| Processor | ARM Cortex A9 800MHz |
| Operating system | Windows Embedded Compact 7 |
| User software | Movicon 11 CE Standard |
| Work memory | 1 GB |
| User memory | 8 GB |
| Available memory (user data) | 6 GB |
| SD/MMC Slot | yes |
| CF Card Slot Typ II | yes |
| CFast Slot | - |
| Time | |
| Real-time clock buffered | yes |
| Clock buffered period (min.) | 6 w |
| Type of buffering | Vanadium Rechargeable Lithium Battery |
| Load time for 50% buffering period | 10 h |
| Load time for 100% buffering period | 48 h |
| Accuracy (max. deviation per day) | 10 s |
| Operating controls | |
| Touchscreen | resistive |
| Touch function | Single Touch |
| Keyboard | external via USB |
| Mouse | external via USB |
| Interfaces | |
| MPI, PROFIBUS-DP | RS485 isolated |
| MPI, PROFIBUS-DP connector | Sub-D, 9-pin, female |

| | |
|-------------------------------|----------------------|
| Serial, COM1 | RS232 |
| COM1 connector | Sub-D, 9-pin, male |
| Serial, COM2 | RS422/485 isolated |
| COM2 connector | Sub-D, 9-pin, female |
| Number of USB-A interfaces | 2 |
| USB-A connector | USB-A (host) |
| Number of USB-B interfaces | 1 |
| USB-B connector | USB-B (device) |
| Number of ethernet interfaces | 2 |
| Ethernet | Ethernet 10/100 MBit |
| Ethernet connector | RJ45 |
| Integrated ethernet switch | yes |
| 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 | yes |
| Current consumption (no-load operation) | 0.2 A |
| Current consumption (rated value) | 0.35 A |
| Inrush current | 1.84 A |
| I ² t | 0.05 A ² s |
| Power loss | 8.5 W |

Status information, alarms, diagnostics

| | |
|------------------------|-----------|
| Status display | green LED |
| Supply voltage display | yes |

Mechanical data

Housing / Protection class

| | |
|----------------------------------|------------------------------|
| Material | die-cast aluminum |
| Mounting | via integrated pivoted lever |
| Protection class IP front side | IP 65 |
| Protection class IP back side | IP 20 |
| Protection class NEMA front side | - |
| Protection class NEMA back side | - |

Dimensions

| | |
|-------------|--------------------------|
| Front panel | 304 mm x 233 mm x 7.5 mm |
| Rear panel | 285 mm x 215 mm x 45 mm |

Installation cut-out

| | |
|-------------------------------|--------|
| Width | 287 mm |
| Height | 217 mm |
| Minimum | 1.5 mm |
| Maximum front panel thickness | 6 mm |
| Net weight | 2850 g |
| Weight including accessories | 3650 g |
| Gross weight | 3650 g |

Environmental conditions

| | |
|-----------------------|-----------------|
| Operating temperature | 0 °C to 50 °C |
| Storage temperature | -25 °C to 70 °C |

Certifications

| | |
|------------------|----------------|
| UL certification | in preparation |
| KC certification | - |