

Data sheet

Touch Panel TP 605CQ (62F-FEE0-CX)


Technical data

| | |
|-------------------------------------|---|
| Order no. | 62F-FEE0-CX |
| Type | Touch Panel TP 605CQ |
| General information | |
| Note | - |
| Features | 5.7", TFT, 320x240 pixel XScale processor, 800MHz 128 MB work memory, 4 GB user memory MPI/PROFIBUS-DP, RS232, RS422/485, USB-A, USB-B, Ethernet RJ45 Windows Embedded CE 6.0 Professional, without Movicon Runtime |
| Display | |
| Display size (diagonal) | 5.7 " |
| Display size (width) | 115.2 mm |
| Display size (height) | 86.4 mm |
| Resolution | 240 x 320 / 320 x 240 |
| Aspect ratio | 4:3 |
| Type of display | TFT color (64K colors) |
| MTBF Backlights (25°C) | 50000 h |
| System properties | |
| Processor | Xscale 800 MHz |
| Operating system | Windows CE 6.0 Prof. |
| User software | - |
| Work memory | 128 MB |
| User memory | 2 GB |
| Available memory (user data) | 1800 MB |
| SD/MMC Slot | ✔ |
| CF Card Slot Typ II | ✔ |
| CFast Slot | - |
| Time | |
| Real-time clock buffered | ✔ |
| 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

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|-------------------------------|----------------------|
| 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 | 1 |
| USB-A connector | USB-A (host) |
| Number of USB-B interfaces | 1 |
| USB-B connector | USB-B (device) |
| Number of ethernet interfaces | 1 |
| Ethernet | Ethernet 10/100 MBit |
| Ethernet connector | RJ45 |
| Integrated ethernet switch | - |
| Video connectors | - |
| Audio connections | - |

Technical data power supply

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|---|---|
| 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) | 0.26 A |
| Current consumption (rated value) | 0.45 A |
| Inrush current | 6 A |
| I ² t | 0.2 A ² s |
| Power loss | 6.2 W |

Status information, alarms, diagnostics

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|------------------------|-----|
| Supply voltage display | yes |
|------------------------|-----|

Mechanical data

Housing / Protection type

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|-------------------------|------------------------------|
| Material | die-cast aluminum |
| Mounting | via integrated pivoted lever |
| Protect type front side | IP 65 |
| Protect type back side | IP 20 |

Dimensions

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|-------------|--------------------------|
| Front panel | 212 mm x 156 mm x 7.5 mm |
| Rear panel | 198 mm x 142 mm x 37 mm |

Installation cut-out

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|-------------------------------|--------|
| Width | 200 mm |
| Height | 144 mm |
| Minimum | 2.5 mm |
| Maximum front panel thickness | 6 mm |
| Weight | 1382 g |

Environmental conditions

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|-----------------------|-----------------|
| Operating temperature | 0 °C to 50 °C |
| Storage temperature | -20 °C to 60 °C |

Certifications

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|---------------------|----------------|
| UL508 certification | in preparation |
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