

## Data sheet

### Touch Panel TP 610C (62K-JEE0-CX)


#### Technical data

<b>Order no.</b>	<b>62K-JEE0-CX</b>
Type	Touch Panel TP 610C
<b>General information</b>	
Note	-
Features	10,4", TFT, 800x600 pixel XScale processor, 800MHz 128 MB work memory, 4 GB user memory MPI/PROFIBUS-DP, RS232, RS422/485, USB-A, USB-B, 2x Ethernet RJ45 Windows Embedded CE 6.0 Professional, without Movicon Runtime
<b>Display</b>	
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 (64K colors)
MTBF Backlights (25°C)	50000 h
<b>System properties</b>	
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	-
<b>Time</b>	
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
<b>Operating controls</b>	
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	
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)	0.51 A
Current consumption (rated value)	0.7 A
Inrush current	7 A
$I_{\Delta t}$	0.25 A <sup>2</sup> s
Power loss	12.2 W

## Status information, alarms, diagnostics

Supply voltage display	yes
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## Mechanical data

### Housing / Protection type

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

### 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
Weight	3251 g

### Environmental conditions

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

### Certifications

UL508 certification	in preparation
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