

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	10,4", TFT, 800x600 pixel XScale processor, 1.1GHz 256 MB work memory, 512 MB user memory MPI/PROFIBUS-DP, RS232, RS422/485, 2xUSB-A, USB-B, 2x Ethernet RJ45 Windows Embedded CE 6.0 Professional, Movicon Runtime

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	-
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	1.7 A
I^2t	0.08 A ² s
Power loss	8.5 W

Status information, alarms, diagnostics

Supply voltage display	yes
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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	-
Weight including accessories	-

Gross weight	-
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Environmental conditions

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

UL certification	in preparation
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KC certification	-
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