

Data sheet

Touch Panel TP 612C (62M-JID0-CB)

Technical data

Order no.	62M-JID0-CB
Type	Touch Panel TP 612C
General information	
Note	-
Features	12,1", TFT, 1024x768 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)	12.1 "
Display size (width)	246 mm
Display size (height)	184.5 mm
Resolution	768 x 1024 / 1024 x 768
Aspect ratio	4:3
Type of display	TFT color (16.7M colors)
MTBF Backlights (25°C)	50000 h
System properties	
Processor	Xscale 1.1 GHz
Operating system	Windows CE 6.0 Prof.
User software	Movicon 11 CE Standard
Work memory	256 MB
User memory	512 MB
Available memory (user data)	380 MB
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)	0.66 A
Current consumption (rated value)	0.8 A
Inrush current	7 A
I ² t	0.25 A ² s
Power loss	15.8 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	325 mm x 263 mm x 7.5 mm
Rear panel	309 mm x 247 mm x 45 mm

Installation cut-out

Width	311 mm
Height	249 mm
Minimum	1.5 mm
Maximum front panel thickness	6 mm
Weight	3674 g

Environmental conditions

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

Certifications

UL certification in preparation

KC certification -
