

**Data sheet**

VIPA Touch Panel TP 610C (62K-JID0-CB)

## Technical data

<b>Order no.</b>	<b>62K-JID0-CB</b>
Type	VIPA Touch Panel TP 610C
<b>General information</b>	
Note	-
Features	Display: 10,4" Processor: XScale-CPU   1066 MHz RAM [MB]: 256 User memory [MB]: 512 External slot: SD Card   CF Card Onboard Interface: 1x RS232   1x 422/485   2x USB-A   1x USB-B   2x RJ45 (Ethernet)   1x MPI/PROFIBUS-DP Software: CE6.0 Professional   Movicon CE Standard
<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 (16.7M colors)
MTBF Backlights (25°C)	50000 h
<b>System properties</b>	
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	-
<b>Time</b>	
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
<b>Operating controls</b>	
Touchscreen	resistive
Touch function	Single Touch
Keyboard	external via USB
Mouse	external via USB
<b>Interfaces</b>	
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)	0.51 A
Current consumption (rated value)	0.7 A
Inrush current	7 A
$I_{\Delta t}$	0.25 A²s
Power loss	12.2 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	3251 g
Weight including accessories	-
Gross weight	-

#### Environmental conditions

Operating temperature	0 °C to 50 °C
Storage temperature	-20 °C to 60 °C
<b>Certifications</b>	
UL certification	yes
KC certification	-