

Data sheet

Touch Panel TP 606C (62G-FID0-CB)

Technical data

Order no.	62G-FID0-CB
Type	Touch Panel TP 606C
General information	
Note	-
Features	Display: 6.5" 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 1x USB-A 1x USB-B 1x RJ45 (Ethernet) 1x MPI/PROFIBUS-DP Software: CE6.0 Professional Movicon 11 CE Standard
Display	
Display size (diagonal)	6.5 "
Display size (width)	132.5 mm
Display size (height)	99.4 mm
Resolution	480 x 640 / 640 x 480
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	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

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)	0.34 A
Current consumption (rated value)	0.5 A
Inrush current	6 A
I ² t	0.2 A²s
Power loss	8.2 W

Status information, alarms, diagnostics

Status display	none
Supply voltage display	yes

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	212 mm x 156 mm x 7.5 mm
Rear panel	198 mm x 142 mm x 37 mm

Installation cut-out

Width	200 mm
Height	144 mm
Minimum	2.5 mm
Maximum front panel thickness	6 mm
Net weight	1614 g
Weight including accessories	-
Gross weight	-

Environmental conditions

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

Certifications	
UL certification	yes
KC certification	-