

Data sheet

Touch Panel TP 605CQ (62F-FEE0-CX)


Technical data

Order no.	62F-FEE0-CX
Type	Touch Panel TP 605CQ
General information	
Note	-
Features	5.7", TFT, 320x240 pixel XScale processor, 800MHz 128 MB work memory, 4 GB user memory MPI/PROFIBUS-DP, RS232, RS422/485, USB-A, USB-B, Ethernet RJ45 Windows Embedded CE 6.0 Professional, without Movicon Runtime
Display	
Display size (diagonal)	5.7 "
Display size (width)	115.2 mm
Display size (height)	86.4 mm
Resolution	240 x 320 / 320 x 240
Aspect ratio	4:3
Type of display	TFT color (64K colors)
MTBF Backlights (25°C)	50000 h
System properties	
Processor	Xscale 800 MHz
Operating system	Windows CE 6.0 Prof.
User software	-
Work memory	128 MB
User memory	4 GB
Available memory (user data)	3800 MB
SD/MMC Slot	✔
CF Card Slot Typ II	✔
CFast Slot	-
Time	
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
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	
Current consumption (no-load operation)	0.26 A
Current consumption (rated value)	0.45 A
Inrush current	6 A
I^2t	0.2 A ² s
Power loss	6.2 W

Status information, alarms, diagnostics

Supply voltage display	yes
------------------------	-----

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	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
Weight	1382 g

Environmental conditions

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

Certifications

UL508 certification	in preparation
---------------------	----------------