

## Data sheet

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

#### Technical data

<b>Order no.</b>	<b>62F-FEE0-CX</b>
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	2 GB
Available memory (user data)	1800 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

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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)	0.26 A
Current consumption (rated value)	0.45 A
Inrush current	6 A
$I^2t$	0.2 A <sup>2</sup> s
Power loss	6.2 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	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
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Storage temperature -20 °C to 60 °C

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### Certifications

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UL certification in preparation

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KC certification -

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