

## Data sheet

### Touch Panel TP 604LC (62E-MDC0-DH)

#### Technical data

<b>Order no.</b>	<b>62E-MDC0-DH</b>
Type	Touch Panel TP 604LC


#### General information

Note	-
Features	4.3", TFT, 480x272 Pixel ARM11 processor, 533MHz 128 MB work memory, 128 MB user memory RS232, RS422/485, USB-A, Ethernet RJ45 (MPI/DP interface optional available) Windows Embedded CE 6.0 Core, Movicon Basic Runtime


#### Display

Display size (diagonal)	4.3 "
Display size (width)	95 mm
Display size (height)	54 mm
Resolution	272 x 480 / 480 x 272
Aspect ratio	16:9
Type of display	TFT color (64K colors)
MTBF Backlights (25°C)	30000 h

#### System properties

Processor	ARM11 533 MHz
Operating system	Windows CE 6.0 Core
User software	Movicon 11 CE Basic
Work memory	128 MB
User memory	128 MB
Available memory (user data)	50 MB
SD/MMC Slot	
CF Card Slot Typ II	-
CFast Slot	-

#### Time

Real-time clock buffered	
Clock buffered period (min.)	26 w
Type of buffering	Manganese Rechargeable Lithium Battery
Load time for 50% buffering period	5 h
Load time for 100% buffering period	24 h
Accuracy (max. deviation per day)	2 s


#### Operating controls

Touchscreen	resistive
Touch function	Single Touch
Keyboard	external via USB
Mouse	external via USB

#### Interfaces

MPI, PROFIBUS-DP	optional
MPI, PROFIBUS-DP connector	-
Serial, COM1	RS232
COM1 connector	Sub-D, 9-pin, male
Serial, COM2	RS232 / RS422 / RS485
COM2 connector	Sub-D, 25-pin, female
Number of USB-A interfaces	1
USB-A connector	USB-A (host)
Number of USB-B interfaces	-
USB-B connector	-
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)	0.16 A
Current consumption (rated value)	0.3 A
Inrush current	75 A
I <sup>2</sup> t	0.36 A <sup>2</sup> s
Power loss	6 W

### Status information, alarms, diagnostics

Supply voltage display	none
------------------------	------

### Mechanical data

#### Housing / Protection type

Material	PC
Mounting	mounting clips
Protect type front side	IP 65
Protect type back side	IP 20

#### Dimensions

Front panel	140 mm x 116 mm x 6 mm
Rear panel	122 mm x 98 mm x 51 mm

#### Installation cut-out

Width	123 mm
Height	99 mm
Minimum	2.5 mm
Maximum front panel thickness	6 mm
Weight	500 g

#### Environmental conditions

Operating temperature	0 °C to 50 °C
-----------------------	---------------

Storage temperature -20 °C to 60 °C

---

**Certifications**

---

UL508 certification yes

---