Millenium 3 accessories

➜ Programmable touch panels MTP6/50 & MTP8/50

MTP6/50 & MTP8/50
- ■ 4.3"TFT-LCD compact resistive touch panels, 65536 colors, LED backlight
- ■ Graphical resolution : 480 x 272 pixels
- ■ Wide viewing angle : 70° horizontally and vertically
- ■ Fan-less cooling system
- ■ Text, data, graphic, animation display
- ■ Processing of alarms and recipes
- ■ 400 M Hz core logic, 64 MB RAM
- ■ 128 MB flash memory storage
- ■ Direct communication via the Millenium 3 programming port
- ■ Programmable with user-friendly EB software (compatible with Windows 2000/XP/Vista/7)
- ■ RS232/RS485 serial port

MTP6/50
- ■ USB 2.0 port (programming)

MTP8/50
- ■ Ethernet port (programming and communication)

Part numbers

Type	Designation	Size	Programming	Connection	Code
RD	MTP6/50 user kit (fixing brackets, MTP-M3 cable)	4"3	USB-MiniUSB cable	Direct connection M3-MTP Modbus RS232/RS485 serial port	**88970492**
	MTP8/50 user kit (fixing brackets, MTP-M3 cable)	4"3	Ethernet RJ45 crossover cable	Direct connection M3-MTP Modbus RS232/RS485 serial port, Ethernet TCP/IP port	**88970494**
PA	MTP6/50-MTP8/70 programming kit - USB-MiniUSB connection (EB /helpfile CD, USB-MiniUSB cable)	-	-	-	**88970501**
	MTP8/50-MTP8/70 programming kit - Ethernet crossover connection (EB/ helpfile CD, RJ45 crossover cable)	-	-	-	**88970502**

Accessories

Type	Description	Code
MA	Modbus cable for MTP6/50 & MTP8/50	**88970503**

General characteristics

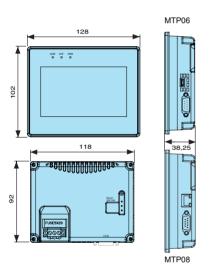| Environmental characteristics	
Certifications	UL, cUL
Conformity to standards	IEC 61000-4
Operating temperature	0 → +45 °C
Storage temperature	-20 → +60 °C
Relative humidity	10 → 90 % (operation
Protection rating	IP65 - Dust and droplets Front panel seal watertight at standard
Vibration resistance	10 - 25 Hz, 2G 30 minutes in each of the X, Y, Z axes
Shock resistance	Free fall from 1 meter in each of the X, Y, Z axes
Electrical characteristics	
Supply voltage	24 V⎓ Internalinsulation via transformer
Voltage limits	19.2 → 28.8 V⎓
Consumption	7.2 W max
Mechanical characteristics	
Dimensions (l x h x w)	128 x 102 x 38 mm Useful screen area : 95 x 54 mm
Panel cut-out	119 x 93 mm Panel thickness 1-10 mm
Mounting	Built-in, fixing by 2 screw clamps (supplied) for 1 to 10 mm panel
Connection	Removable 3-pin screw terminal block (supplied)
Weight	∼ 300 g

Crouzet

Display characteristics

Description	TFT-LCD 4.3''polychrome, 65536 colors LED backlight Resolution 480 x 272 pixels 400 M Hz core logic, 64 MB RAM 128 MB flash memory (programs and recipes backup) Programmable with EB software Touch panel with user-definable layout Key life : 1 million operations minimum
Display details	Straight lines, free lines, squares, ovals, arcs, polygons, bitmaps, animations.gif, standard fonts
Functions	Buttons, switches, levers, LEDs, messages, data, password-secured buttons,triggers Bar charts, linear gauges, clocks, alphanumeric keyboards, graphics, recipes, alarm lists Text scrolling, multiple windows, data transfer, multiple language Archive
Connection	**Communication** **MTP6/50 and MTP8/50** Direct M3-MTP communication (supplied) RS485 Modbus connection : 2/4 cables (2 cables with accessory 88970503) **MTP8/50** Modbus TCP/IP connection via Ethernet port **Programming** **MTP6/50** PC-MTP6/50 link via USB-MiniUSB cable (accessory) **MTP8/50** PC-MTP8/50 link via Ethernet RJ45 crossover cable (accessory)
Real-time clock	Uses Millenium clockor built-in clock

Comments

For use with 24 V⎓ Millenium 3 units only

Dimensions (mm)

RD

MTP06

MTP08

Panel cut-out