SIMATIC S7-200 meets panel –

the perfect interaction between control and visualization

simatic

SIEMENS

It's your choice:

the right panel for every application

**SIMATIC Micro Panels offer you an optimum
complete solution for HMI requirements especially
for the SIMATIC S7-200. And all from one source.
The panels are perfectly adapted to the S7-200
PLC, resulting in reduced configuration overheads.
Plug and Play ensures perfect interplay between the
components. Which panel is the right one for you?
It's your choice.***

Communicative, modular, compact

The SIMATIC S7-200 Micro-PLC is a tough case: It is compact and extremely powerful, especially with regards to real-time response.

* Compatibility is extremely important for us – therefore, you can, of course, also connect any other panel from our SIMATIC HMI range to the S7-200.

Summary of Features

And the matching software at the same time ...

Thanks to the new and innovative SIMATIC WinCC flexible Micro HMI software, the OP 73micro and TP 177micro panels are simple to configure, even at the maximum level of automation.

The TD 100C, TD 200, TD 200C and TD 400C text displays are configured using the SIMATIC STEP 7-Micro/WIN software.

	TD 100C	TD 200
Display	FSTN display (reflective, no backlight)	STN display (including backlight)
Size (inches)	4 lines, max. 16 characters/line	2 lines, max. 20 characters/line
Resolution (W x H in pixels)	132 x 65	181 x 33
Control Elements	membrane keyboard	membrane keyboard
Function Keys (programmable) / System Keys	14 user configurable / 8	8 / 5
User Memory	user data on CPU	user data on CPU
Interfaces	1 x PPI (RS485)	1 x PPI (RS485)
Functionality		
Alarm System (number of alarms / alarm classes)	40	80
Process Screens	32	64
Tags	288	864
Graphic Objects	icons	icons
Online Languages	1	5
Degree of Protection (front / back)	IP65, NEMA 4 / IP20	IP65, NEMA 4 / IP20
Dimensions		
Front Panel (W x H in mm)	90 x 76	148 x 76
Device Depth in mm	36 (with mounting max. 44)	27
Installation Cutout (W x H in mm)	82 x 69	138 x 68
Certification	CE, cULus, ATEX, C-Tick, FM	CE, cULus, ATEX, C-Tick, FM
Configuration / Programming	Micro/WIN V4.0	Micro/WIN V4.0
Order No.	6ES7272-1BA10-0YA0	6ES7272-0AA30-0YA0
	SIMATIC Step 7-Micro/WIN: 6ES7810-2CC03-0YX0	SIMATIC Step 7-Micro/WIN: 6ES7810-2CC03-0YX0

	TD 200C	TD 400C	OP 73micro	TP 177micro
	STN display (including backlight)	STN display (including backlight)	STN display (LCD), black / white	STN display (LCD), 4 blue levels
	2 lines, max. 20 characters/line	4 lines, max. 24 characters/line	3"	5,7"
	181 x 33	192 x 64	160 x 48	320 x 240
	membrane keyboard	membrane keyboard	membrane keyboard	touchscreen
	20 freely configurable / 7	15 / 7	4 / 8	– / –
	user data on CPU	user data on CPU	128 KB	256 KB
	1 x PPI (RS485)	1 x PPI (RS485)	1 x PPI (RS485)	1 x PPI (RS485)
	80	80	250 / 32	500 / 32
	64	64	250	250
	864	864	500	250
	icons	–	icons, bars, bitmaps, background pictures	icons, bars, trend curves, bitmaps, background pictures
	5	5	5	5
	IP65, NEMA 4 / IP20	IP65, NEMA 4 / IP20	IP65, NEMA 4, NEMA 4x, NEMA 12 / IP20	IP65, NEMA 4, NEMA 4x, NEMA 12 / IP20
	148 x 76	174 x 102	154 x 84	212 x 156
	27	31	27	42
	138 x 68	163.5 x 93.5	138 x 68	198 x 142
	CE, cULus, ATEX, C-Tick, FM	e.g. CE, cULus, C-Tick, FM	CE, cULus, C-Tick, shipbuilding	CE, cULus, C-Tick, shipbuilding, Ex zone 2/22, FM
	Micro/WIN 4.0	Micro/WIN V4.0 SP6	from WinCC flexible Micro	from WinCC flexible Micro
	6ES7272-1AA10-0YA0	6AV6640-0AA00-0AX1	6AV6640-0BA11-0AX0	6AV6640-0CA11-0AX0
	SIMATIC Step 7-Micro/WIN: 6ES7810-2CC03-0YX0	SIMATIC Step 7-Micro/WIN: 6ES7810-2CC03-0YX0	Starter Package: 6AV6650-0BA01-0AA0 SIMATIC WinCC flexible Micro: 6AV6610-0AA01-1CA5	Starter Package: 6AV6650-0DA01-0AA0 SIMATIC WinCC flexible Micro: 6AV6610-0AA01-1CA5

TD 200
TD 200C
TD 100C   TD 400C   OP 73micro | TP 177micro

Simple:

Text displays which allow space-saving use are available for simple applications. Through design of a freely configurable interface layout, control elements can be optimally adapted to the respective application.

Compact:

The compact panel with simple details but full functionality.

Advanced:

For sophisticated users who appreciate a full graphic display and touch functionality.

TD 100C
- 4-line LC display with 16 characters per line
- Up to 14 freely configurable keys
- Interface layout freely configurable as well as display, position and size of keys

TD 200, TD 200C
- 2-line backlit LC display with 20 characters per line
- Up to 8 freely configurable keys with TD 200, up to 20 keys with TD 200C
- Interface layout freely configurable as well as display, position and size of keys (TD 200C)

TD 400C
- 4-line backlit LC display with 24 characters per line
- Up to 15 freely configurable keys
- Interface layout freely configurable
- Keys with tactile feedback; audible and visual confirmation can also be configured

OP 73micro
- Full graphic 3" STN display
- Display of bitmaps, bars, different font sizes
- Compact, space-saving design
- Configuration with WinCC flexible

TP 177micro
- Intuitive operation via 6" touch screen
- Vertical installation facilitates more potential application
- Enhanced graphics applications through vector graphics (4 shades of blue)
- Configuration with WinCC flexible

**Finding the right panel to suit you –
fast and easy on the Internet.**

You can find detailed information about
SIMATIC S7-200 and Micro Panels on the Internet at:
www.siemens.com/s7-200-meets-panel

You can find further information on SIMATIC HMI and
Micro Automation on the Internet at:
www.siemens.com/simatic-hmi
www.siemens.com/s7-200
www.siemens.com/microset

Service and Support:
www.siemens.com/automation/service&support

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