

SIPLUS S7-200 TD400C -10 ... +60 DEGREES C BASED ON 6AV6640-0AA00-0AX1



Display	
Design of display	STN
Screen diagonal	3.7 in ; 4-line
Size	3.7"
Display type	STN, Schwarz/Weiss
Color type	Black/white
Resolution (pixels)	
horizontal image resolution	192
vertical image resolution	64
Resolution (WxH in pixel)	192 x 64
Backlighting	
MTBF backlighting (at 25 °C)	Approx. 20,000 hours
Control elements	
Control elements	Membrane keyboard
Operating options	Keys
Function keys, programmable	15 function keys
Keyboard fonts	
System keys	Yes
Number of configurable system keys	15

Supply voltage	
Type of supply voltage	DC
Memory	
usable memory for user data	No info
Interfaces	
Interfaces	1 x RS485 (max. 187.5 Mbit/s)
Number of RS 485 interfaces	1
Transmission rate, max.	187.5 Mbit/s
Number of parallel interfaces	0
Protocols	
PROFINET IO	No
PROFINET CBA	No
PROFIsafe	No
PROFIBUS	No
MPI	Yes
Protocols (Ethernet)	
TCP/IP	No
Further protocols	
AS-i	No
CAN	No
INTERBUS	No
MODBUS	No
Data-Highway	No
DeviceNet	No
Local Operating Network	No
SUCOnet	No
other bus systems	Yes
Degree and class of protection	
Front	IP65, NEMA 4, NEMA 4x, NEMA 12 (when installed)
IP (at the front)	IP65
NEMA	NEMA 4, NEMA 4x, NEMA 12
Rear	IP20
IP (rear)	IP20
Standards, approvals, certificates	
Certifications	CE, KC, Gost R, NEMA 4, NEMA 4x, NEMA 12
KC approval	Yes
Ambient conditions	
Operating temperature	

Operation	-10 °C to +60 °C
Storage/transport temperature	
Transport, storage	-20 °C to +60 °C
Extended ambient conditions	
relative to ambient temperature-atmospheric pressure-installation altitude	Tmin ... Tmax at 1080 hPa ... 795 hPa (-1000 m ... +2000 m) // Tmin ... (Tmax - 10K) at 795 hPa ... 658 hPa (+2000 m ... +3500 m) // Tmin ... (Tmax - 20K) at 658 hPa ... 540 hPa (+3500 m ... +5000 m)
Relative humidity	
with condensation, maximum	100 % ; Relative humidity, incl. condensation / frost permitted (no commissioning under condensation conditions)
Resistance	
to biologically active substances/conformity with EN 60721-3-3	Yes ; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna). The supplied connector covers must remain on the unused interfaces during operation!
to chemically active substances/conformity with EN 60721-3-3	Yes ; Class 3C4 incl. salt spray according to EN 60068-2-52 (degree of severity 3). The supplied connector covers must remain on the unused interfaces during operation!
to mechanically active substances/conformity with EN 60721-3-3	Yes ; Class 3S4 incl. sand, dust. The supplied connector covers must remain on the unused interfaces during operation!
Configuration	
Process value display (output)	No
Process value default (input) possible	No
Configuration software	
Configuration tool	MicroWin (to be ordered separately)
1. Configuration kit	MicroWin
Configuration tool	MicroWin
Languages	
Project languages	
Languages per project	2
Functionality under WinCC (TIA Portal)	
Security	
Number of user groups	1
Weights	
Weight (without packaging)	0.33 kg
Status	Jul 21, 2014