SIEMENS

Data sheet

6AV6645-0DC01-0AX0

*** SPARE PART*** SIMATIC MOBILE PANEL 277F IWLAN WITH INTEGRATED ENABLING BUTTON EMERGENCY-STOP BUTTON, HANDWHEEL, KEY SWITCH AND TWO ILLUMINATED PUSHBUTTON, CONFIGURABLE WITH WINCC FLEXIBLE STANDARD VERSION 2007 AND HIGHER INCL. 1 MAIN BATTERY POWER SUPPLY TO BE ORDERED SEPARATELY: 6AV6671-5CE00-0AX0 CHARGING STATION 6AV6671-5CN00-0AX1 EXTERNAL POWER SUPPLY UNIT (EU/US/UK/JP) SALE IN USA IS NOT POSSIBLE DUE TO MISSING FCC CERTIFICATION

General information	
Product type designation	277(F) IWLAN communication via WLAN (PROFINET) with acknowledgement button and emergency stop button, with integrated handwheel, key-operated switch and two illuminated pushbuttons
Customer-specific configuration	Yes
Display	
Design of display	TFT

Display	
Design of display	TFT
Screen diagonal	7.5 in
Color display	Yes
Number of colors	65 536
Resolution (pixels)	
Horizontal image resolution	640 Pixel
 Vertical image resolution 	480 Pixel
Backlighting	
MTBF backlighting (at 25 °C)	50 000 h

Keys and touch
Yes
18
18
Yes
Yes
Yes
Yes
2



Touch operation	
Design as touch screen	Yes; analog, resistive
Connection type	res, analog, resistive
Type of connection for	USB / USB / USB
mouse/keyboard/barcode reader	0007 0007 000
Special operator controls	
Illuminated pushbutton	Yes
Handwheel	Yes
Trandwireer	1.60
Supply voltage	
Design of the power supply	Via charging station or table power supply
Type of supply voltage	DC
Processor	
Processor type	ARM, 520 MHz
Memory	Flash / RAM
Type of memory	
Memory available for user data	6 Mbyte
Capacity of main memory, max.	128 Mbyte
Accumulator	
Buffer battery	Yes; Maximum buffer time 5 min
Main rechargeable battery	
Rated voltage	7.2 V
Capacity	5 100 mA·h
 Number of loading cycles, min 	500
 Charging time, typ. 	4 h
 Operating time, typ. 	4 h
 Display for battery capacity 	Yes
Energy-saving mode	Yes
Battery replacement during operation	Yes
T. was affectived	
Type of output Power LED	Yes
LED for safe	Yes
LED for communication	Yes
LED for battery	Yes
Vibrations	Yes
Time of day	
Clock	
 Hardware clock (real-time) 	Yes
• retentive	Yes; Via bypass battery
• synchronizable	Yes



Interferentian tour	4 - F4 4 /D 145\
Interfaces/bus type	1x Ethernet (RJ45)
Number of RS 485 interfaces	1
Number of USB interfaces	1
Number of wireless interfaces	1
Multimedia card/SD card slot	1 MMC/SD card slot
WLAN	
Wireless LAN	Yes
Protocols	
Supports protocol for PROFINET IO	Yes
PROFIsafe	Yes
Protocols (Ethernet)	
• TCP/IP	Yes
Further protocols	
• MODBUS	Yes
other bus systems	Yes
EMC	
Emission of radio interference acc. to EN 55 011	
 Limit class A, for use in industrial areas 	The product is designed for use in industrial environments. When used in residential areas, the emission of radio interference
	according to limit class B of EN 55011 must be ensured. For
	further information refer to the user documentation
Degree and class of protection	
Degree and class of protection Degree of protection acc. to EN 60529	IP65
	IP65
Degree of protection acc. to EN 60529	IP65 CE, C-TICK
Degree of protection acc. to EN 60529 Standards, approvals, certificates	
Degree of protection acc. to EN 60529 Standards, approvals, certificates Certifications	CE, C-TICK
Degree of protection acc. to EN 60529 Standards, approvals, certificates Certifications CE mark	CE, C-TICK Yes
Degree of protection acc. to EN 60529 Standards, approvals, certificates Certifications CE mark TÜV safety certification	CE, C-TICK Yes
Degree of protection acc. to EN 60529 Standards, approvals, certificates Certifications CE mark TÜV safety certification Highest safety class achievable in safety mode	CE, C-TICK Yes Yes
Degree of protection acc. to EN 60529 Standards, approvals, certificates Certifications CE mark TÜV safety certification Highest safety class achievable in safety mode • Performance level according to ISO 13849-1 • SIL acc. to IEC 61508	CE, C-TICK Yes Yes
Degree of protection acc. to EN 60529 Standards, approvals, certificates Certifications CE mark TÜV safety certification Highest safety class achievable in safety mode • Performance level according to ISO 13849-1	CE, C-TICK Yes Yes
Degree of protection acc. to EN 60529 Standards, approvals, certificates Certifications CE mark TÜV safety certification Highest safety class achievable in safety mode • Performance level according to ISO 13849-1 • SIL acc. to IEC 61508 Ambient conditions Free fall	CE, C-TICK Yes Yes
Degree of protection acc. to EN 60529 Standards, approvals, certificates Certifications CE mark TÜV safety certification Highest safety class achievable in safety mode • Performance level according to ISO 13849-1 • SIL acc. to IEC 61508 Ambient conditions Free fall • Fall height, max.	CE, C-TICK Yes Yes SIL 3
Degree of protection acc. to EN 60529 Standards, approvals, certificates Certifications CE mark TÜV safety certification Highest safety class achievable in safety mode • Performance level according to ISO 13849-1 • SIL acc. to IEC 61508 Ambient conditions Free fall • Fall height, max. Ambient temperature during operation	CE, C-TICK Yes Yes SIL 3
Degree of protection acc. to EN 60529 Standards, approvals, certificates Certifications CE mark TÜV safety certification Highest safety class achievable in safety mode • Performance level according to ISO 13849-1 • SIL acc. to IEC 61508 Ambient conditions Free fall • Fall height, max. Ambient temperature during operation • min.	CE, C-TICK Yes Yes e SIL 3
Degree of protection acc. to EN 60529 Standards, approvals, certificates Certifications CE mark TÜV safety certification Highest safety class achievable in safety mode • Performance level according to ISO 13849-1 • SIL acc. to IEC 61508 Ambient conditions Free fall • Fall height, max. Ambient temperature during operation • min. • max.	CE, C-TICK Yes Yes e SIL 3
Degree of protection acc. to EN 60529 Standards, approvals, certificates Certifications CE mark TÜV safety certification Highest safety class achievable in safety mode • Performance level according to ISO 13849-1 • SIL acc. to IEC 61508 Ambient conditions Free fall • Fall height, max. Ambient temperature during operation • min. • max. Ambient temperature during storage/transportation	CE, C-TICK Yes Yes e SIL 3 1.2 m 0 °C 40 °C
Degree of protection acc. to EN 60529 Standards, approvals, certificates Certifications CE mark TÜV safety certification Highest safety class achievable in safety mode • Performance level according to ISO 13849-1 • SIL acc. to IEC 61508 Ambient conditions Free fall • Fall height, max. Ambient temperature during operation • min. • max. Ambient temperature during storage/transportation • min.	CE, C-TICK Yes Yes e SIL 3 1.2 m 0 °C 40 °C
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Degree of protection acc. to EN 60529 Standards, approvals, certificates Certifications CE mark TÜV safety certification Highest safety class achievable in safety mode • Performance level according to ISO 13849-1 • SIL acc. to IEC 61508 Ambient conditions Free fall • Fall height, max. Ambient temperature during operation • min. • max. Ambient temperature during storage/transportation • min.	CE, C-TICK Yes Yes e SIL 3 1.2 m 0 °C 40 °C



Libraries Yes Applications/options Internet Explorer, Sm@rtService, Sm@rtAccess • Web browser Yes • SIMATIC WinCC Sm@rtServer Yes Task planner Yes Help system • Number of characters per info text 70 Message system • Number of alarm classes 32 • Number of messages 4000 • Bit messages Yes — Number of bit messages Yes — Number of analog messages Yes — Number of analog messages Yes — Number of analog messages Yes • System messages HMI Yes • System messages PLC Yes • Lines 1 • Number of characters per message 80 • Number of process values per message 80 • Acknowledgment groups — Number of acknowledgement groups 99 • Message indicator Yes	Operating systems	
Message indicator Yes Alarm system (incl. buffer and acknowledgment) Yes Process value default (input) possible Yes Recipe management Yes • Configuration software • WinCC flexible Standard Version 2007 or higher (to be ordered separately) Languages • Number of online/runtime languages 16 • Number of online/runtime languages 32 • Languages per project 32 Functionality under WinCC (TIA Portal) Ves Libraries Yes Applications/options Intermet Explorer, Sm@rtService, Sm@rtAccess • Web browser Yes • SIMATIC WinCC Sm@rtServer Yes Task planner Yes Help system Yes • Number of characters per info text 70 Message system Yes • Number of alarm classes 32 • Number of flarm classes 32 • Number of of bit messages 4000 • Analog messages Yes • Analog messages Yes • Number of characters per message 80		Windows CE
Message indicator Yes Alarm system (incl. buffer and acknowledgment) Yes Process value default (input) possible Yes Recipe management Yes • Configuration software • WinCC flexible Standard Version 2007 or higher (to be ordered separately) Languages • Number of online/runtime languages 16 • Number of online/runtime languages 32 • Languages per project 32 Functionality under WinCC (TIA Portal) Ves Libraries Yes Applications/options Intermet Explorer, Sm@rtService, Sm@rtAccess • Web browser Yes • SIMATIC WinCC Sm@rtServer Yes Task planner Yes Help system Yes • Number of characters per info text 70 Message system Yes • Number of alarm classes 32 • Number of flarm classes 32 • Number of of bit messages 4000 • Analog messages Yes • Analog messages Yes • Number of characters per message 80	Configuration	
Process value display (output) Process value default (input) possible Recipe management • Configuration software • Configuration tool WinCC flexible Standard Version 2007 or higher (to be ordered separately) Languages • Number of online/runtime languages • SiMATIC WinCC Sm@rtServer Yes Task planner • Number of characters per info text 70 Message system • Number of alarm classes • Number of alarm classes • Number of messages • Number of analog messages • Number of analog messages • Number of analog messages • System messages PLC • Lines • Number of characters per message • Number of process values per message		Yes
Process value default (input) possible Recipe management Configuration software • Configuration tool WinCC flexible Standard Version 2007 or higher (to be ordered separately) Languages Online languages • Number of online/runtime languages • Languages per project Tenctionality under WinCC (TIA Portal) Libraries Ves Applications/options • Useb browser • SIMATIC WinCC Sm@rtServer Task planner Help system • Number of alarm classes • Number of alarm classes • Number of alarm classes • Number of messages • Number of bit messages • Analog messages • Analog messages • Analog messages HMI • System messages HMI • System messages PLC • Lines • Number of braracters per message • Number of characters per message • Number of characters per message • Number of process values per message • Acknowledgment groups • Message indicator • First/last value • First/last value		Yes
Recipe management Configuration software Configuration tool WinCC flexible Standard Version 2007 or higher (to be ordered separately) Vincomine languages Number of online/runtime languages Number of online/runtime languages Languages Number WinCC (TIA Portal) Libraries Applications/options Web browser SIMATIC WinCC Sm@rtServer Task planner Help system Number of characters per info text Number of alarm classes Number of messages Number of messages Number of alarm classes Residency Analog messages Number of analog messages Number of analog messages Number of analog messages Number of characters per message Number of process values per message Number of schrowledgement groups Number of acknowledgement groups Number of message indicator Yes Message indicator Yes First/last value	Process value display (output)	Yes
Configuration software Configuration tool WinCC flexible Standard Version 2007 or higher (to be ordered separately) VinCC flexible Standard Version 2007 or higher (to be ordered separately) Confine languages Number of online/runtime languages Ves Languages Ves Applications/options Web browser SIMATIC WinCC Sm@rtServer Ves Libraries Lelp system Number of characters per info text Number of alarm classes Number of messages Number of messages Number of bit messages Number of alarm classes Adou Analog messages Number of analog messages Number of analog messages Number of characters per message Number of characters per message Number of characters per message Number of process values per message Number of process values per message Number of process values per message Number of modesses values per message Number of modesses values per message Number of modesses values per message Number of brocess values per message Number of schowoledgement groups Number of acknowledgement groups Message indicator Ves First/last value	Process value default (input) possible	Yes
Configuration tool WinCC flexible Standard Version 2007 or higher (to be ordered separately) Languages Number of online/runtime languages Number of characters per message Number of process values per message Analog messages Pto Number of characters per message Number of process values per message Analog messages PtC Lines Analog messages PtC Number of process values per message Number of bressages messages Number of bressages message Number of haracters per message Number of characters per message Number of haracters per message Number of characters per message Number of haracters per message Number of schowledgment groups Number of schowledgment groups Number of haracters per message Number of schowledgment groups Number of schowledgement groups Number of First/last value Yes	Recipe management	Yes
Languages Online languages • Number of online/runtime languages • Languages per project 32 Functionality under WinCC (TIA Portal) Libraries Yes Applications/options Internet Explorer, Sm@rtService, Sm@rtAccess • Web browser Yes • SIMATIC WinCC Sm@rtServer Yes Task planner Yes Help system • Number of characters per info text 70 Message system • Number of alarm classes • Number of messages • Number of bit messages • Analog messages • Analog messages HMI • System messages HMI • System messages PLC • Lines • Number of characters per message • Number of characters per message • Number of process values per message • Number of process values per message • Acknowledgment groups • Adessage indicator • First/last value	Configuration software	
Online languages 16 Project languages 32 • Languages per project 32 Functionality under WinCC (TIA Portal) Yes Libraries Yes Applications/options Internet Explorer, Sm@rtService, Sm@rtAccess • Web browser Yes • SIMATIC WinCC Sm@rtServer Yes Task planner Yes • Number of characters per info text 70 Message system Yes • Number of alarm classes 32 • Number of messages 4 000 • Bit messages Yes — Number of bit messages Yes • Analog messages Yes — Number of analog messages Yes • System messages HMI Yes • System messages PLC Yes • Lines 1 • Number of characters per message 80 • Number of process values per message 8 • Acknowledgment groups 99 • Message indicator Yes • First/last value Yes	Configuration tool	
Number of online/runtime languages Project languages Languages per project 32 Functionality under WinCC (TIA Portal) Libraries Applications/options Internet Explorer, Sm@rtService, Sm@rtAccess Web browser SIMATIC WinCC Sm@rtServer Task planner Pes Help system Number of characters per info text Number of alarm classes Number of messages Number of bit messages Number of analog messages Analog messages Number of analog messages System messages HMI System messages PLC Lines Number of characters per message Number of characters per message Number of analog messages Analog messages PLC Lines Number of characters per message Number of characters per message Acknowledgment groups Acknowledgment groups Message indicator Nessage indicator Yes Message indicator Yes First/last value	Languages	
Project languages • Languages per project 32 Functionality under WinCC (TIA Portal) Libraries Applications/options • Web browser • SIMATIC WinCC Sm@rtServer Task planner Help system • Number of characters per info text • Number of alarm classes • Number of bit messages • Analog messages — Number of analog messages • Ayes — Number of analog messages • System messages HMI • System messages PLC • Lines • Number of characters per message • Number of characters per sage • Number of analog messages • System messages PLC • Lines • Number of characters per message • Number of characters per message • Number of analog messages • System messages PLC • Lines • Number of characters per message • Number of process values per message • Acknowledgment groups — Number of acknowledgement groups • Message indicator • First/last value Yes	Online languages	
Libraries Yes Applications/options Internet Explorer, Sm@rtService, Sm@rtAccess Web browser Yes SIMATIC WinCC Sm@rtServer Yes Task planner Yes Help system Yes Number of characters per info text 70 Message system Number of messages 4000 Bit messages Yes — Number of bit messages 4000 Analog messages Yes — Number of analog messages 4000 System messages HMI Yes System messages PLC Lines 1 Number of characters per message 80 Number of characters per service System messages 80 Number of analog messages 99 Number of analog messages 99 Number of analog messages 99 Number of helf messages 99 Number of characters per message 80 Number of characters per message 80 Number of characters per message 99 Message indicator Yes First/last value 7yes		16
Functionality under WinCC (TIA Portal) Libraries Applications/options • Web browser • SIMATIC WinCC Sm@rtServer Task planner Help system • Number of characters per info text Number of messages • Number of bit messages • Analog messages • Analog messages HMI • System messages PLC • Lines • Number of characters per message • Number of characters per server 1	Project languages	
Libraries Yes Applications/options Internet Explorer, Sm@rtService, Sm@rtAccess • Web browser Yes • SIMATIC WinCC Sm@rtServer Yes Task planner Yes Help system • Number of characters per info text 70 Message system • Number of alarm classes 32 • Number of messages 4000 • Bit messages Yes — Number of bit messages Yes — Number of analog messages Yes — Number of analog messages Yes — Number of analog messages Yes • System messages HMI Yes • System messages PLC Yes • Lines 1 • Number of characters per message 80 • Number of process values per message 80 • Acknowledgment groups — Number of acknowledgement groups 99 • Message indicator Yes	Languages per project	32
Applications/options Web browser SIMATIC WinCC Sm@rtServer Yes Task planner Help system Number of characters per info text Number of messages Number of bit messages Analog messages Number of analog messages Analog messages HMI System messages PLC Lines Number of characters per message Number of panalog message Acknowledgment groups Acknowledgment groups Message indicator First/last value Internet Explorer, Sm@rtService, Sm@rtAccess Yes Yes Yes Yes 4000 40	Functionality under WinCC (TIA Portal)	
 Web browser SIMATIC WinCC Sm@rtServer Yes Task planner Help system Number of characters per info text Number of alarm classes Number of messages Number of messages Bit messages Analog messages Analog messages System messages HMI System messages PLC Lines Number of characters per message Number of process values per message Acknowledgment groups Message indicator First/last value 	Libraries	Yes
SIMATIC WinCC Sm@rtServer Yes Help system Number of characters per info text Number of alarm classes Number of messages Number of bit messages Bit messages Nandog messages Analog message	Applications/options	Internet Explorer, Sm@rtService, Sm@rtAccess
Task planner Help system Number of characters per info text Number of alarm classes Number of messages Number of bit messages Bit messages Namber of analog messages Analog messages Number of analog messages Analog messages Nes Number of analog messages Nes Number of analog messages Yes Number of analog messages Yes Number of analog messages Yes Number of characters per message Lines Number of characters per message Number of process values per message Acknowledgment groups Number of acknowledgement groups Nessage indicator First/last value Yes	Web browser	Yes
Help system Number of characters per info text Number of alarm classes Number of messages Number of bit messages Manalog messages Analog messages Number of analog messages Analog messages Number of of analog messages System messages PLC Lines Number of characters per message Number of process values per message Acknowledgment groups Number of acknowledgement groups Message indicator First/last value	 SIMATIC WinCC Sm@rtServer 	Yes
Number of characters per info text Number of alarm classes Number of messages Number of bit messages Analog messages Analog messages Number of analog messages Analog messages Number of analog messages Number of analog messages System messages HMI System messages PLC Lines Number of characters per message Number of process values per message Acknowledgment groups Number of acknowledgement groups Message indicator First/last value	Task planner	Yes
Message system Number of alarm classes Number of messages Bit messages Wes Manalog messages Analog messages Message indicator Message indicator Messages Messages Messages Messages Message indicator Messages Me	Help system	Yes
 Number of alarm classes Number of messages Bit messages Number of bit messages Number of bit messages Analog messages Number of analog messages Number of analog messages System messages HMI System messages PLC Lines Number of characters per message Number of process values per message Acknowledgment groups Number of acknowledgement groups Message indicator First/last value Yes 	 Number of characters per info text 	70
 Number of messages Bit messages Number of bit messages Analog messages Number of analog messages System messages HMI System messages PLC Lines Number of characters per message Number of process values per message Acknowledgment groups Number of acknowledgement groups Message indicator First/last value 	Message system	
 Bit messages Number of bit messages Analog messages Yes Number of analog messages System messages HMI System messages PLC Lines Number of characters per message Number of process values per message Acknowledgment groups Number of acknowledgement groups Message indicator First/last value 	 Number of alarm classes 	32
 Number of bit messages Analog messages Number of analog messages System messages HMI System messages PLC Lines Number of characters per message Number of process values per message Acknowledgment groups Number of acknowledgement groups Message indicator First/last value 4 000 Yes 4 000 Yes 8 90 90 Yes Yes 	Number of messages	4 000
 Analog messages Number of analog messages System messages HMI System messages PLC Lines Number of characters per message Number of process values per message Acknowledgment groups Number of acknowledgement groups Message indicator First/last value 	Bit messages	Yes
 Number of analog messages System messages HMI System messages PLC Lines Number of characters per message Number of process values per message Acknowledgment groups Number of acknowledgement groups Message indicator First/last value 4 000 Yes 	 Number of bit messages 	4 000
 System messages HMI System messages PLC Lines Number of characters per message Number of process values per message Acknowledgment groups Number of acknowledgement groups Message indicator First/last value Yes Yes	 Analog messages 	Yes
 System messages PLC Lines Number of characters per message Number of process values per message Acknowledgment groups Number of acknowledgement groups Message indicator First/last value Yes Yes Yes	 Number of analog messages 	4 000
 Lines Number of characters per message Number of process values per message Acknowledgment groups Number of acknowledgement groups Message indicator First/last value 	System messages HMI	Yes
 Number of characters per message Number of process values per message Acknowledgment groups Number of acknowledgement groups Message indicator First/last value 	System messages PLC	Yes
 Number of process values per message Acknowledgment groups Number of acknowledgement groups Message indicator First/last value 8 Yes Yes	• Lines	1
 Acknowledgment groups Number of acknowledgement groups Message indicator First/last value Yes 	Number of characters per message	80
 Acknowledgment groups — Number of acknowledgement groups Message indicator First/last value Yes 	 Number of process values per message 	8
 — Number of acknowledgement groups ● Message indicator ● First/last value Yes Yes 	Acknowledgment groups	
 Message indicator First/last value Yes Yes 		99
• First/last value Yes		Yes
		Yes
	Recipe management	



Number of recipes	300
Data records per recipe	500
Entries per data record	1 000
Recipe memory	64 KB integrated Flash, expandable
Variables	
 Number of variables per device 	2 048
 Number of variables per screen 	200
Number of variables	1 000
• Initial values	2 048
Type Date & Time	2 048
Limit values	Yes
 Multiplexing 	Yes
Structures	Yes
Images	
Number of configurable images	500
 Permanent window/default 	Yes
 Start screen configurable 	Yes
 Image selection by PLC 	Yes
 Image number in the PLC 	Yes
Image objects	
Text objects	10,000 text elements
 Number of I/O fields per image 	200
 Number of date/time fields 	200
Return	Yes
 Graphics object 	Bit maps, icons, vector graphics
— Icons	1 000
Complex image objects	
Status/control	Yes; With SIMATIC S7
dynamic objects	Diagrams, bar graphs, sliders, analog display, invisible buttons
 Number of objects per project 	1 000
 Number of curve diagrams per image 	10
Methods	Trend / profile
Bar graphs	
 Number of bars per chart 	10
• Sliders	
 Number of slides per image 	10
Pointer instruments	
 Number of analog indicators per image 	10
Limit value lines	Yes
Number of alphanumerical fields	300
— alphanumeric fields per image	200



Number of numerical fields	2 048
numerical fields per image	200
Number of password fields	2 048
Number of visible switches per project	200
visible switches per image	200
hidden switches per image	200
Number of status switches per project	200
Number of status switches per image	200
Number of selector switches per project	200
Selector switches per image	200
Number of decade switches per project	200
Decade switches per image	200
Number of signal lamps per project	200
Signal lamps per image	200
Attributes for dynamic objects	200
Color change	Yes
• X/Y movement	Yes
• Hide	Yes
Lists	165
Number of text lists per project	500
Number of text lists per image	200
Number of extrists per image Number of entries per text list	256
Number of graphics lists per project	400
Number of graphic lists per image	200
Number of entries per graphics list	256
Archiving	
Number of archives per device	20
Number of measuring points per project	20
Number of entries per archive	10 000
Message archive	Yes
Process value archive	Yes
Archiving methods	,
— Sequential archive	Yes
— Short-term archive	Yes
Memory location	MultiMediaCard
Data storage format	WaldinediaGard
— CSV	Yes
Online evaluation	163
using trend curves	Yes
— using trend curves Filters	
• cyclic	Yes
- cyclic	



Tolerance	Yes
Change	Yes
Security	
Number of user groups	50
Number of user rights	32
Password export/import	Yes
Logging through printer	
Recording/Printing	Alarms, report (shift report), PROFINET
Transfer (upload/download)	
Transfer of configuration	USB, Ethernet, automatic transfer recognition
Process coupling	
Connection to controller	S7-200, S7- 300/400 see section on "System interfaces"
• S7-200	Yes
— Ethernet	Yes
• S7-300/400	Yes
— PROFINET	Yes
Functions	
• TAB sequence	Yes
Calculating functions	Yes
Animate	Yes
Service tools/configuration aids	
Clean screen	Yes
Touch calibration	Yes
Backup/Restore manually	Yes
• Simulation	Yes
Device switchover	Yes
Delta transfer	Yes
Peripherals/Options	
Peripherals	
SIMATIC HMI MM memory card: Multi Media Card	Yes
SIMATIC HMI SD memory card: Secure Digital memory card	Yes
• USB memory	Yes
Additional software components loadable	Yes
	,
Mechanics/material	alore Co
Enclosure material (front)	plastic
Dimensions	
Enclosure diameter	290 mm
Depth of housing	103 mm
Weights	



Weight (without packaging)

2.2 kg

Other
free hotline

Iast modified:

08/06/2019