## SIEMENS

## Data sheet

## 6AV6646-1AA22-0AX0

SIMATIC ITC 1200, Industrial Thin Client, 12" Widescreen TFT display, Touch operation, Supported protocols: RDP, VNC, SMARTSERVER, Web



Product type designation       ITC1200         Display       TFT widescreen display, LED backlighting         Screen diagonal       12.1 in; 12"         Display width       281.1 mm         Display height       183.2 mm         Number of colors       16 777 216         Resolution (pixels)       1280 x 800         • Image resolution       1 280 x 800         • Horizontal image resolution       1 280 pixel         • Vertical image resolution       1 280 x 800         • Horizontal image resolution       800 pixel         General features       -         • Detachable from computer unit       100 m         Backlighting       -         • Detachable from computer unit       100 m         Backlight dimmable       Yes; 5-100 %         Control elements       single-louch screen         Touch operation       Yes         • Design as touch screen       Yes         Installation type/mounting       No         Stand mounting       Yes         Support arm mounting       No         Stand mounting       No         Stand mounting       No         Stand mounting       No         Retable range, lower limit (DC)       24 V <th>General information</th> <th></th>	General information	
Design of display         TFT widescreen display, LED backlighting           Screen diagonal         12.1 in; 12"           Display width         28.1 mm           Display height         163.2 mm           Number of colors         16 777 216           Resolution (pixels)         1280 x 800 <ul> <li>Image resolution</li> <li>1280 pixel</li> <li>Vertical image resolution</li> <li>280 pixel</li> </ul> <ul> <li>Vertical image resolution</li> <li>800 pixel</li> <li>General features</li> <li>Obtacklighting</li> <li>Upe of backlighting</li> <li>Upe of backlighting</li> <li>Upe of backlighting</li> <li>Upe of backlighting</li> <li>Vers 5-100 %</li> </ul> Control elements         single-touch screen           Touch operation         Yes <ul> <li>Poelign as touch screen</li> <li>Yes</li> <li>Nonlor keyboard</li> <li>Yes</li> <li>Support arm mounting</li> <li>Yes</li> <li>Support arm mounting</li> <li>No</li> <li>Stard mounting</li> <li>No</li> <li>Stard mounting</li> <li>No</li> <li>Stard mounting</li> <li>Poely voltage</li> <li>DC</li> <li>Reted value (DC)</li> <li>Pa 2V</li> <li>permissible range, upper limit (DC)</li> <li>Pa 2V</li> <li>permissible range, upper limit (DC)</li></ul>	Product type designation	ITC1200
Screen diagonal       12.1 in; 12"         Display height       261.1 mm         Display height       183.2 mm         Number of colors       16 777 216         Resolution (pixels)       1280 x 800         • Image resolution       1 280 x 800         • Vertical image resolution       10 280 pixel         • Vertical image resolution       800 pixel         General features       •         • Otachable from computer unit       100 m         Backlighting       LED, dimmable         • Type of backlighting       LED, dimmable         • Design as touch screen       Yes         • Monitor keyboard       Yes         • Monitor keyboard       Yes         Support arm mounting       Yes         Support arm mounting       No         Stand mounting       No         Built-in unit       Yes         Support arm mounting       No         Built-in unit       Yes         Support arm mounting       No         Stand mounting       No         Built-in unit       Yes         Support arm mounting       No         Built-in unit       Yes         Stand mounting       No         Buil	Display	
Display width     261.1 mm       Display height     163.2 mm       Number of colors     16 777 216       Resolution (pixels)     -       • Image resolution     1 280 x 800       • Horizontal image resolution     1 280 pixel       • Vertical image resolution     800 pixel       General features     -       • Detachable from computer unit     100 m       Backlighting     -       • Type of backlighting     LED, dimmable       • Type of backlighting     LED, dimmable       • Stacklight dimmable     Yes; 5-100 %       Control elements     single-touch screen       Touch operation     Yes       • Monitor keyboard     Yes       Installation type/mounting     -       Design as touch screen     Yes       Support arm mounting     No       Stand mounting     No       Stand mounting     No       Bill-lin unit     Yes       Support arm mounting     DC       Rated value (DC)     24 V       permissible range, lower limit (DC)     28.8 V       Input current     -       Current consumption, max.     12.A       Starting current innush Pt     0.5 A*s       Input current     -       Current innush Pt     0.5 A*s <td>Design of display</td> <td>TFT widescreen display, LED backlighting</td>	Design of display	TFT widescreen display, LED backlighting
Display height       163.2 mm         Number of colors       16 777 216         Resolution (pixels)       1280 x 800 <ul> <li>Image resolution</li> <li>1280 x 800</li> <li>Horizontal image resolution</li> <li>1280 pixel</li> <li>Vertical image resolution</li> <li>800 pixel</li> <li>General features</li> <li>Detachable from computer unit</li> <li>100 m</li> </ul> <li>Backlighting</li> <li>EED, dimmable</li> <li>Yes; 5-100 %</li> <li>Control elements</li> <li>single-touch screen</li> <li>Oesign as touch screen</li> <li>Yes</li> <li>Installation type/mounting</li> <li>Design</li> <li>Built-in unit</li> <li>Front mounting</li> <li>Yes</li> <li>Support arm mounting</li> <li>No</li> <li>Stand mounting</li> <li>No</li> <li>Stand mounting</li> <li>No</li> <li>Stand mounting</li> <li>Yes as V</li> <li>permissible range, uper limit (DC)</li> <li>28 V</li> <li>Installation uper limit (DC)</li> <li>28 V</li> <li>Input current</li> <li>Current consumption, max.</li> <li>1.2 A</li> <li>Starting current intrush I<sup>e</sup>t</li> <li>0.5 A<sup>2</sup> s</li> <li>Interfaces</li> <li>Number of industrial Ethernet interfaces</li> <li>1</li>	Screen diagonal	12.1 in; 12"
Number of colors       16 777 216         Resolution (pixels)       1 280 x 800         • Image resolution       1 280 x 800         • Horizontal image resolution       1 280 pixel         • Vertical image resolution       800 pixel         General features       •         • Detachable from computer unit       100 m         Backlighting       LED, dimmable         • Type of backlighting       LED, dimmable         • Backlight dimmable       Yes; 5-100 %         Control elements       single-touch screen         • Design as touch screen       Yes         • Monitor keyboard       Yes         Installation type/mounting       Yes         Design as mounting       Yes         Support arm mounting       No         Stand mounting       No         Stand mounting       No         Support arm mounting       No         Support arm mounting       Peres         Type of supply voltage       DC         Read value (DC)       24 V         permissible range, lower limit (DC)       28.8 V         Input current       Current consumption, max.         Current consumption, max.       1.2 A         Starting current innush Pt       0.5 A*	Display width	261.1 mm
Resolution (pixels)       1 280 x 800         • Horizontal image resolution       1 280 pixel         • Vertical image resolution       800 pixel         General features       800 pixel         • Detachable from computer unit       100 m         Backlighting       100 m         • Type of backlighting       LED, dimmable         • Type of backlighting       LED, dimmable         • Backlight dimmable       Yes; 5-100 %         Control elements       single-touch screen         • Design as touch screen       Yes         • Monitor keyboard       Yes         Installation type/mounting       Design         Design       Built-in unit         Front mounting       Yes         Support arm mounting       No         Stand mounting       No         Built-in unit       Yes         Type of supply voltage       DC         Rated value (DC)       24 V         permissible range, lower limit (DC)       19.2 V         permissible range, upper limit (DC)       28.8 V         Input current       0.5 A*s         Input current       0.5 A*s         Interfaces       1	Display height	163.2 mm
• Image resolution       1 280 x 800         • Horizontal image resolution       1 280 pixel         • Vertical image resolution       800 pixel         General features       -         • Detachable from computer unit       100 m         Backlighting       LED, dimmable         • Type of backlighting       LED, dimmable         • Backlight dimmable       Yes; 5-100 %         Control elements       single-touch screen         Touch operation       Yes         • Design as touch screen       Yes         Installation type/mounting       Yes         Design       Built-in unit         Front mounting       Yes         Support arm mounting       No         Stand mounting       No         Built-in unit       Yes         Type of supply voltage       DC         Rated value (DC)       24 V         permissible range, upper limit (DC)       28.8 V         Input current       12.2 A         Starting current inrush I*       0.5 A²-s         Interfaces       1	Number of colors	16 777 216
• Horizontal image resolution       1 280 pixel         • Vertical image resolution       800 pixel         General features       100 m         • Detachable from computer unit       100 m         Backlighting       LED, dimmable         • Type of backlighting       LED, dimmable         • Backlight dimmable       Yes; 5-100 %         Control elements       single-touch screen         Touch operation       Yes         • Monitor keyboard       Yes         Installation type/mounting       Yes         Design       Built-in unit         Front mounting       Yes         Support arm mounting       No         Built-in unit       Yes         Stand mounting       No         Built-in unit       Yes         Supply voltage       DC         Rated value (DC)       24 V         permissible range, upper limit (DC)       19.2 V         permissible range, upper limit (DC)       28.8 V         Input current       .2 A         Starting current inrush I*       0.5 A*s         Input current       .2 A         Starting current inrush I*       0.5 A*s         Input current       .2 A         Starting current inr	Resolution (pixels)	
• Vertical image resolution       800 pixel         General features       100 m         • Detachable from computer unit       100 m         Backlighting       LED, dimmable         • Type of backlighting       LED, dimmable         • Backlight dimmable       Yes; 5-100 %         Control elements       single-touch screen         Touch operation       •         • Design as touch screen       Yes         • Monitor keyboard       Yes         Installation type/mounting       Built-in unit         Front mounting       Yes         Support arm mounting       No         Stand mounting       No         Built-in unit       Yes         Support arm mounting       No         Built-in unit       Yes         Support arm mounting       No         Built-in unit       Yes         Support arm mounting       No         Built-in unit       Yes         Type of supply voltage       DC         Rated value (DC)       24 V         permissible range, lower limit (DC)       19.2 V         permissible range, upper limit (DC)       28.8 V         Input current       1.2 A         Starting current inrush Pt	<ul> <li>Image resolution</li> </ul>	1 280 x 800
General features         • Detachable from computer unit       100 m         Backlighting       100 m         • Type of backlighting       LED, dimmable         • Backlight dimmable       Yes; 5-100 %         Control elements       single-touch screen         Touch operation       •         • Design as touch screen       Yes         Installation type/mounting       Pes         Design       Built-in unit         Front mounting       Yes         Support arm mounting       No         Stand mounting       No         Built-in unit       Yes         Type of supply voltage       DC         Rated value (DC)       24 V         permissible range, lower limit (DC)       19.2 V         permissible range, lower limit (DC)       28.8 V         Input current       1.2 A         Starting current inrush Pt       0.5 A²-s         Interfaces       1	<ul> <li>Horizontal image resolution</li> </ul>	1 280 pixel
• Detachable from computer unit       100 m         Backlighting       LED, dimmable         • Type of backlighting       LED, dimmable         • Backlight dimmable       Yes; 5-100 %         Control elements       single-touch screen         Touch operation       •         • Design as touch screen       Yes         • Monitor keyboard       Yes         Installation type/mounting       Yes         Design       Built-in unit         Front mounting       Yes         Support arm mounting       No         Stand mounting       No         Built-in unit       Yes         Support arm mounting       No         Built-in unit       Yes         Supply voltage       DC         Rated value (DC)       24 V         permissible range, lower limit (DC)       19.2 V         permissible range, upper limit (DC)       28.8 V         Input current       Current consumption, max.         Current consumption, max.       1.2 A         Starting current inrush IPt       0.5 A²-s         Interfaces       1	Vertical image resolution	800 pixel
Backlighting       LED, dimmable         • Type of backlighting       LED, dimmable         • Backlight dimmable       Yes; 5-100 %         Control elements       single-touch screen         Touch operation       •         • Design as touch screen       Yes         • Monitor keyboard       Yes         Installation type/mounting       Built-in unit         Pesign       Built-in unit         Front mounting       Yes         Stand mounting       No         Built-in unit       Yes         Support arm mounting       No         Built-in unit       Yes         Supply voltage       DC         Type of supply voltage       DC         Rated value (DC)       24 V         permissible range, lower limit (DC)       19.2 V         permissible range, upper limit (DC)       28.8 V         Input current       Current consumption, max.         Current consumption, max.       1.2 A         Starting current inrush I <sup>e</sup> t       0.5 A <sup>2</sup> ·s         Interfaces       1	General features	
• Type of backlighting       LED, dimmable         • Backlight dimmable       Yes; 5-100 %         Control elements       single-touch screen         Touch operation       -         • Design as touch screen       Yes         Installation type/mounting       Yes         Design       Built-in unit         Front mounting       Yes         Support arm mounting       No         Stand mounting       No         Built-in unit       Yes         Support arm mounting       No         Stand mounting       No         Stard mounting       DC         Rated value (DC)       24 V         permissible range, lower limit (DC)       19.2 V         permissible range, upper limit (DC)       28.8 V         Input current       Current consumption, max.         Current consumption, max.       1.2 A         Starting current inrush IPt       0.5 A²-s         Interfaces       1	Detachable from computer unit	100 m
• Backlight dimmable       Yes; 5-100 %         Control elements       single-touch screen         Touch operation          • Design as touch screen       Yes         • Monitor keyboard       Yes         Installation type/mounting       Yes         Design       Built-in unit         Front mounting       Yes         Support arm mounting       No         Stand mounting       No         Built-in unit       Yes         Support arm mounting       No         Stand mounting       No         Built-in unit       Yes         Supply voltage       DC         Rated value (DC)       24 V         permissible range, lower limit (DC)       19.2 V         permissible range, upper limit (DC)       28.8 V         Input current       Current consumption, max.         Current consumption, max.       1.2 A         Starting current inrush I <sup>2</sup> t       0.5 A <sup>2</sup> ·s         Interfaces       1	Backlighting	
Control elements       single-touch screen         Touch operation       • Design as touch screen         • Design as touch screen       Yes         • Monitor keyboard       Yes         Installation type/mounting       Built-in unit         Design       Built-in unit         Front mounting       Yes         Support arm mounting       No         Stand mounting       No         Built-in unit       Yes         Support arm mounting       No         Stand mounting       No         Built-in unit       Yes         Supply voltage       DC         Type of supply voltage       DC         Rated value (DC)       24 V         permissible range, lower limit (DC)       19.2 V         permissible range, upper limit (DC)       28.8 V         Input current       Current consumption, max.         Starting current inrush I <sup>2</sup> t       0.5 A <sup>2</sup> ·s         Interfaces       Number of industrial Ethernet interfaces	<ul> <li>Type of backlighting</li> </ul>	LED, dimmable
Control elements       single-touch screen         Touch operation       Yes <ul> <li>Design as touch screen</li> <li>Yes</li> <li>Monitor keyboard</li> <li>Yes</li> </ul> Installation type/mounting       Person         Design       Built-in unit         Front mounting       Yes         Support arm mounting       No         Stand mounting       No         Built-in unit       Yes         Support arm mounting       No         Stand mounting       No         Built-in unit       Yes         Supply voltage       DC         Rated value (DC)       24 V         permissible range, lower limit (DC)       19.2 V         permissible range, lower limit (DC)       28.8 V         Input current       Current consumption, max.         Current consumption, max.       1.2 A         Starting current inrush I <sup>a</sup> t       0.5 A <sup>2</sup> ·s         Interfaces       1	<ul> <li>Backlight dimmable</li> </ul>	Yes; 5-100 %
Touch operation       Installation type/mounting <ul> <li>Design as touch screen</li> <li>Monitor keyboard</li> <li>Yes</li> </ul> Installation type/mounting           Design         Built-in unit           Front mounting         Yes           Support arm mounting         No           Stand mounting         No           Built-in unit         Yes           Support arm mounting         No           Built-in unit         Yes           Supply voltage         DC           Type of supply voltage         DC           Rated value (DC)         24 V           permissible range, lower limit (DC)         19.2 V           permissible range, upper limit (DC)         28.8 V           Input current         Current consumption, max.           Current consumption, max.         1.2 A           Starting current inrush I <sup>2</sup> t         0.5 A <sup>2</sup> ·s           Interfaces         1	Control elements	
Design as touch screen Yes     Monitor keyboard Yes      Installation type/mounting      Design Built-in unit      Front mounting Yes      Support arm mounting No      Stand mounting No      Stand mounting Yes      Supply voltage      Type of supply voltage      Type of supply voltage      Rated value (DC) 24 V      permissible range, lower limit (DC) 19.2 V      permissible range, upper limit (DC) 28.8 V      Input current      Current consumption, max. 1.2 A      Starting current inrush I <sup>2</sup> t 0.5 A <sup>2</sup> ·s      Interfaces      Number of industrial Ethernet interfaces 1	Control elements	single-touch screen
• Monitor keyboard       Yes         Installation type/mounting       Built-in unit         Design       Built-in unit         Front mounting       Yes         Support arm mounting       No         Stand mounting       No         Built-in unit       Yes         Support arm mounting       No         Built-in unit       Yes         Supply voltage       DC         Supply voltage       DC         Rated value (DC)       24 V         permissible range, lower limit (DC)       19.2 V         permissible range, upper limit (DC)       28.8 V         Input current       Current consumption, max.         Starting current inrush I²t       0.5 A²-s         Interfaces       1	Touch operation	
Installation type/mountingDesignBuilt-in unitFront mountingYesSupport arm mountingNoStand mountingNoBuilt-in unitYesSupply voltageDCType of supply voltageDCRated value (DC)24 Vpermissible range, lower limit (DC)19.2 Vpermissible range, upper limit (DC)28.8 VInput currentCurrent consumption, max.Current consumption, max.1.2 AStarting current inrush I²t0.5 A²-sNumber of industrial Ethernet interfaces1	<ul> <li>Design as touch screen</li> </ul>	Yes
Design       Built-in unit         Front mounting       Yes         Support arm mounting       No         Stand mounting       No         Built-in unit       Yes         Supply voltage       Yes         Type of supply voltage       DC         Rated value (DC)       24 V         permissible range, lower limit (DC)       19.2 V         permissible range, upper limit (DC)       28.8 V         Input current       Current consumption, max.         Current consumption, max.       1.2 A         Starting current inrush I <sup>2</sup> t       0.5 A <sup>2</sup> ·s         Interfaces       1	<ul> <li>Monitor keyboard</li> </ul>	Yes
Front mounting       Yes         Support arm mounting       No         Stand mounting       No         Built-in unit       Yes         Supply voltage       Ves         Supply voltage       DC         Rated value (DC)       24 V         permissible range, lower limit (DC)       19.2 V         permissible range, upper limit (DC)       28.8 V         Input current       Current consumption, max.         Starting current inrush 1²t       0.5 A²-s         Interfaces       1	Installation type/mounting	
Support arm mounting       No         Stand mounting       No         Built-in unit       Yes         Supply voltage       DC         Type of supply voltage       DC         Rated value (DC)       24 V         permissible range, lower limit (DC)       19.2 V         permissible range, upper limit (DC)       28.8 V         Input current       Current consumption, max.         Current consumption, max.       1.2 A         Starting current inrush I <sup>2</sup> t       0.5 A <sup>2</sup> ·s         Interfaces       1	Design	Built-in unit
Stand mounting       No         Built-in unit       Yes         Supply voltage       DC         Rated value (DC)       24 V         permissible range, lower limit (DC)       19.2 V         permissible range, upper limit (DC)       28.8 V         Input current       Current consumption, max.         Starting current inrush I²t       0.5 A²·s         Interfaces       1	Front mounting	Yes
Built-in unit       Yes         Supply voltage       DC         Type of supply voltage       DC         Rated value (DC)       24 V         permissible range, lower limit (DC)       19.2 V         permissible range, upper limit (DC)       28.8 V         Input current       1.2 A         Current consumption, max.       1.2 A         Starting current inrush I²t       0.5 A²-s         Interfaces       1	Support arm mounting	No
Supply voltage       DC         Type of supply voltage       DC         Rated value (DC)       24 V         permissible range, lower limit (DC)       19.2 V         permissible range, upper limit (DC)       28.8 V         Input current       Current consumption, max.       1.2 A         Starting current inrush I²t       0.5 A²·s         Interfaces       1         Number of industrial Ethernet interfaces       1	Stand mounting	No
Type of supply voltage       DC         Rated value (DC)       24 V         permissible range, lower limit (DC)       19.2 V         permissible range, upper limit (DC)       28.8 V         Input current       2         Current consumption, max.       1.2 A         Starting current inrush I²t       0.5 A²·s         Interfaces       1         Number of industrial Ethernet interfaces       1	Built-in unit	Yes
Rated value (DC)       24 V         permissible range, lower limit (DC)       19.2 V         permissible range, upper limit (DC)       28.8 V         Input current       24 V         Current consumption, max.       1.2 A         Starting current inrush I²t       0.5 A²·s         Interfaces       1	Supply voltage	
permissible range, lower limit (DC)       19.2 V         permissible range, upper limit (DC)       28.8 V         Input current       1.2 A         Current consumption, max.       1.2 A         Starting current inrush I²t       0.5 A²·s         Interfaces       1         Number of industrial Ethernet interfaces       1	Type of supply voltage	DC
permissible range, upper limit (DC)     28.8 V       Input current     Input current       Current consumption, max.     1.2 A       Starting current inrush I²t     0.5 A²·s       Interfaces     Interfaces       Number of industrial Ethernet interfaces     1	Rated value (DC)	24 V
Input current         Current consumption, max.         Starting current inrush I²t         0.5 A²-s         Interfaces         Number of industrial Ethernet interfaces         1	permissible range, lower limit (DC)	19.2 V
Current consumption, max.       1.2 A         Starting current inrush I²t       0.5 A²·s         Interfaces       1         Number of industrial Ethernet interfaces       1	permissible range, upper limit (DC)	28.8 V
Starting current inrush I²t     0.5 A²·s       Interfaces     1	Input current	
Interfaces           Number of industrial Ethernet interfaces         1	Current consumption, max.	1.2 A
Interfaces           Number of industrial Ethernet interfaces         1	Starting current inrush I <sup>2</sup> t	0.5 A <sup>2</sup> ·s
Number of USB interfaces 2; on rear	Number of industrial Ethernet interfaces	1
	Number of USB interfaces	2; on rear

USB on the rear       Yes; X2 onboard         Connection for keyboard/mouse       USB         Industrial Ethernet       1000 Mbit/s         Protocols       Yes         • TCP/IP       Yes         • DHCPP       Yes         • DHCP       Yes         • DCP       Yes         • LDP       Yes         • LDP       Yes         • LDP       Yes         • MITTML       Yes; HTML5         • KML       Yes         • SSS       Yes         • CSS       Yes         • SSS       Yes         • CSS       Yes         • SNMP       Yes         • SSS       Yes         • CSS       Yes         • SSS       Yes         • NOC viewer       Yes         • SINUMERIK       No         Degree and class of protection       IP20         Standards, approvals, certificates       Yes         CE mark       Yes         • ATEX Zone 2       Yes <tr< th=""></tr<>
Industrial Ethernet         • Transmission rate, max.       1 000 Mbit/s         Protocols       ************************************
• Transmission rate, max.        1 000 Mbit/s             Protocols           Protocols (Ethernet)             • CCP/IP        Yes             • DHCP        Yes             • SNMP        Yes             • DCP        Yes             • DCP        Yes             • WEB characteristics               • HTML        Yes             • HTML        Yes             • HTML        Yes             • HTML        Yes             • SSS        Yes             • SSG        Yes             • SOS        Yes             • SNG@Ctserver        Yes             • SINUMERIK        No             • SINUMERIK        No             • Degree and class of protection        IP20          IP (eth feront)        IP65          IP (rear)        IP20          Standards, approvals, certificates        Yes          CLlus        Yes
Protocols         Protocols (Ethernet)         • TCP/IP       Yes         • DHCP       Yes         • SNMP       Yes         • SNMP       Yes         • LDP       Yes         • LLDP       Yes         • HTTP       Yes         • HTTP       Yes         • HTML       Yes         • SNMI       Yes         • SMG/file       Yes         • JavaScript       Yes         • Sm@/file       Yes         • Sm@/file       Yes         • Orocols (terminal link)       Yes         • Sm@/file       Yes         • Orocols (terminal link)       Yes         • Sm@/file       Yes         • Orocols (terminal link)       Yes         • Sinul/RERIK       No         Degree and class of protoction       IPP00         IP (rear)       IP20         Standards, approvals, certificates       CE mark         cULus       Yes         RCM (formerly C-TICK)       Yes         RCM (formerly C-TICK)       Yes         • ATEX Zone 2       Yes         • ATEX Zone 2       Yes         • OLUs Class I Zone 1       No </td
Protocols (Ethernet)       Yes         • TCP/IP       Yes         • DCP       Yes         • SNMP       Yes         • DCP       Yes         • LLDP       Yes         WEB characteristics       ************************************
• TCP/IPYes• DHCPYes• SMMPYes• DCPYes• LLDPYes• LLDPYes• HTTPYes• HTTPYes• HTMLYes; HTML5• XMLYes• CSSYes• JavaScriptYesProtocols (terminal link)Yes• Sm@rtServerYes• CDPYes• NDPYes• NDV viewerYes• CitrixNo• SINUMERIKNoDegree and class of protectionIP65IP (rear)IP65IP (rear)YesCE markYescUlusYesRCM (formerly C-TICK)YesKC approvalYes• ATEX Zone 2Yes• ATEX Zone 2Yes• LUs Class I Zone 1No• CULus Class I Zone 1No• CULus Class I Zone 2Yes• ATEX Zone 2Yes• FIC Also I Zone 1No• CULus Class I Zone 1No• CULus Class I Zone 2Yes• FIC Class I Zone 1No• CULus Class I Zone 2, Division 2Yes• ATEX Zone 2, Division 2Yes• ATEX I Zone 2, Division 2Yes• FIN Class I Zone 1, Division 2Yes• ATEX I Zone 2, Division 2Yes
• DHCPYes• SNMPYes• DCPYes• LLDPYesWEB characteristics
• SNMPYes• DCPYes• LLDPYesWEB characteristics• HTTPYes• HTTPYes• HTMLYes; HTML5• XMLYes• CSSYes• JavaScriptYesProtocols (terminal link)Yes• Sm@rtServerYes• RDPYes• VNC viewerYes• CIrixNo• SINUMERIKNoPegee and class of protectionIP665IP (rear)IP20Standards, approvals, certificatesYesCE markYescUlusYesRCM (formerly C-TICK)YesKC approvalYesUse in hazardous areasYes• ATEX Zone 2Yes• ATEX Zone 2Yes• CULus Class I Zone 1No• CULus Class I Zone 2, Division 2Yes• ATEX Zone 2Yes• ATEX Zone 2Yes• CILus Class I Zone 1, Or YesYes• ATEX Zone 2Yes• ATEX Zone 2Yes• CILus Class I Zone 1, Or YesYes• Attex I Zone 2, Division 2Yes• Attex Zone 2, Division 2Yes• Attex Zone 2, Division 2Yes• Attemperature during operationMo• min.0 °C• mix.50 °C
• DCPYes• LLDPYesWEB characteristics•• HTTPYes• HTMLYes; HTML5• XMLYes• CSSYes• JavaScriptYesProtocols (terminal link)•• Sm@rtServerYes• RDPYes• CIrixNo• SINUMERIKNo• Objecte and class of protectionIP65IP (rear)IP20Standards, approvals, certificates•CE markYes• CUusYes• CUusYesRCM (formerly C-TICK)Yes• ATEX Zone 2Yes• ATEX Zone 2Yes• CLus class I Zone 1No• CUlus Class I Zone 2, Division 2Yes• Culus Class I Zone 2, Division 2Yes• ATEX I Zone 2, Division 2Yes• ATEX Zone 2, Division 2Yes• ATEX Zone 2, Division 2Yes• Attemperature during operationNo• min.0 °C• max.50 °C
• LLDP     Yes       WEB characteristics
WEB characteristics       Yes            HTTP        Yes            HTML        Yes            • HTML        Yes            • KML        Yes            • CSS        Yes            • JavaScript        Yes             Protocols (terminal link)        Yes             • Sm@p/Server        Yes             • RDP        Yes             • VNC viewer        Yes             • Cltrix        No             Degree and class of protection        IP (at the front)             IP (rear)        IP20          Standards, approvals, certificates               CE mark        Yes             cULus        Yes             RCM (tomerly C-TICK)        Yes             ves        Yes             eXC (aproval        Yes             eXTeX Zone 2        Yes             eXTeX Zone 2        Yes             eUlus Class I Zone 2, Division 2             eTM Class I
• HTTPYes• HTMLYes• XMLYes• CSSYes• JavaScriptYesProtocols (terminal link)Yes• Sm@rtServerYes• RDPYes• VNC viewerYes• CitrixNo• SINUMERIKNoDegree and class of protectionIP65IP (at the front)IP20Standards, approvals, certificatesYesCE markYescUlusYesRCM (formerly C-TICK)YesKC approvalYes• ATEX Zone 2Yes• ATEX Zone 22Yes• CULus Class I Zone 1No• CULus Class I Zone 1No• CULus Class I Zone 2, Division 2Yes• FM Class I Division 2YesAmbient temperature during operation0 °C• max.50 °C
• HTMLYes; HTML5• XMLYes• CSSYes• JavaScriptYesProtocols (terminal link)Yes• Sm@rtServerYes• RDPYes• VNC viewerYes• CitrixNo• SINUMERIKNo <b>Degree and class of protection</b> IP65IP (rear)IP20Standards, approvals, certificatesYesCE markYescUlusYesRCM (formerly C-TICK)YesKC approvalYesUse in hazardous areasYes• ATEX Zone 2Yes• ATEX Zone 2Yes• CULus Class I Zone 1No• CULus Class I Zone 1No• CULus Class I Zone 2, Division 2Yes• FM Class I Division 2YesAmbient temperature during operation0 °C• max.50 °C
<ul> <li>XML Yes</li> <li>CSS Yes</li> <li>JavaScript Yes</li> <li>Protocols (terminal link)</li> <li>Sm@rtServer Yes</li> <li>RDP Yes</li> <li>VNC viewer Yes</li> <li>Clirix No</li> <li>SINUMERIK No</li> </ul> Degree and class of protection           IP (at the front)         IP65           IP (rear)         IP20           Standards, approvals, certificates         Yes           CC mark Yes         Yes           RCM (formerly C-TICK)         Yes           KC approval         Yes           • ATEX Zone 2         Yes           • ATEX Zone 2         Yes           • CULus Class I Zone 1         No           Vac Lus Class I Zone 1         No           • CULus Class I Zone 1         No           • CULus Class I Zone 2, Division 2         Yes           • FM Class I Division 2         Yes           • FM Class I Division 2         Yes           • Ambient temperature during operation         Or C           • max.         50 °C
• CSSYesJavaScriptYesProtocols (terminal link)• Sm@rtServerYes• RDPYes• VNC viewerYes• CitrixNo• SINUMERIKNoDegree and class of protectionIP65IP (rear)IP20Standards, approvals, certificatesCE markYescULusYesRCM (formerly C-TICK)YesKC approvalYesus in hazardous areasYes• ATEX Zone 2Yes• CULus Class I Zone 1No• cULus Class I Zone 2, Division 2Yes• FM Class I Division 2YesAmbient temperature during operation0 °C• min.0 °C• max.50 °C
• JavaScriptYesProtocols (terminal link)Yes• Sm@rtServerYes• RDPYes• VNC viewerYes• CitrixNo• SINUMERIKNoDegree and class of protectionIP (at the front)IP65IP (rear)IP20Standards, approvals, certificatesCE markYescULusYesRCM (formerly C-TICK)YesKC approvalYesUse in hazardous areasYes• ATEX Zone 2Yes• CULus Class I Zone 1No• cULus Class I Zone 1No• cULus Class I Zone 2, Division 2Yes• FM Class I Division 2YesAmbient temperature during operationYesAmbient temperature during operation0 °C• max.50 °C
Protocols (terminal link)• Sm@rtServerYes• RDPYes• VNC viewerYes• CitrixNo• SINUMERIKNoDegree and class of protectionIP (at the front)IP65IP (rear)IP20Standards, approvals, certificatesCE markYescULusYescULusYesRCM (formerly C-TICK)YesKC approvalYesUse in hazardous areasYes• ATEX Zone 2Yes• ATEX Zone 21Yes• CULus Class I Zone 1No• cULus Class I Zone 1No• CULus Class I Division 2Yes• FM Class I Division 2Yes• FM Class I Division 2Yes• FM Class I Division 2Yes• Ambient temperature during operation0 °C• max.50 °C
• Sm@rtServerYes• RDPYes• VNC viewerYes• CitrixNo• SINUMERIKNoDegree and class of protectionIP (at the front)IP65IP (rear)IP20Standards, approvals, certificatesCE markCE markYescULusYescULusYesRCM (formerly C-TICK)YesUse in hazardous areasYes• ATEX Zone 2Yes• CULus Class I Zone 1No• cULus Class I Zone 2, Division 2Yes• FM Class I Division 2Yes• FM Class I Division 2YesAmbient conditionsAmbient temperature during operation• min.0 °C• max.50 °C
• RDPYes• VNC viewerYes• CitrixNo• SINUMERIKNoDegree and class of protectionIP65IP (at the front)IP65IP (rear)IP20Standards, approvals, certificatesIP20CE markYescULusYesRCM (formerly C-TICK)YesKC approvalYesUse in hazardous areasYes• ATEX Zone 2Yes• ATEX Zone 2Yes• cULus Class I Zone 1No• cULus Class I Zone 2, Division 2Yes• FM Class I Division 2YesAmbient temperature during operation0 °C• max.50 °C
• VNC viewerYes• CitrixNo• SINUMERIKNoDegree and class of protectionIP (at the front)IP (at the front)IP65IP (rear)IP20Standards, approvals, certificatesCE markYesdULusYescdUlusYesRCM (formerly C-TICK)YesKC approvalYesUse in hazardous areasYes• ATEX Zone 2Yes• CULus Class I Zone 1No• CULus Class I Zone 2, Division 2Yes• FM Class I Division 2YesAmbient temperature during operation0 °C• min.0 °C• max.50 °C
• CitrixNo• SINUMERIKNoDegree and class of protectionIP (at the front)IP (at the front)IP65IP (rear)IP20Standards, approvals, certificatesIP20CE markYesdULusYesRCM (formerly C-TICK)YesKC approvalYesUse in hazardous areasYes• ATEX Zone 22Yes• CULus Class I Zone 1No• CULus Class I Zone 2, Division 2Yes• FM Class I Division 2YesAmbient temperature during operation0 °C• min.0 °C• max.50 °C
• SINUMERIKNoDegree and class of protectionIP (at the front)IP65IP (rear)IP20Standards, approvals, certificatesCE markYescULusYesRCM (formerly C-TICK)YesKC approvalYesUse in hazardous areasYes• ATEX Zone 2Yes• CULus Class I Zone 2, Division 2Yes• EM Class I Division 2YesAmbient conditionsO °C• min.0 °C• max.50 °C
Degree and class of protection         IP (at the front)       IP65         IP (rear)       IP20         Standards, approvals, certificates       IP20         CE mark       Yes         CLLus       Yes         RCM (formerly C-TICK)       Yes         KC approval       Yes         Use in hazardous areas       Yes         • ATEX Zone 2       Yes         • CLus Class I Zone 1       No         • cULus Class I Zone 2, Division 2       Yes         • FM Class I Division 2       Yes         Ambient conditions       O °C         max.       50 °C
IP (at the front)       IP65         IP (rear)       IP20         Standards, approvals, certificates       Yes         CE mark       Yes         cULus       Yes         RCM (formerly C-TICK)       Yes         KC approval       Yes         Use in hazardous areas       Yes         • ATEX Zone 2       Yes         • ATEX Zone 2       Yes         • CULus Class I Zone 1       No         • cULus Class I Zone 2, Division 2       Yes         • FM Class I Division 2       Yes         Ambient temperature during operation       0 °C         • max.       50 °C
IP (rear)       IP20         Standards, approvals, certificates       Yes         CE mark       Yes         cULus       Yes         RCM (formerly C-TICK)       Yes         KC approval       Yes         Use in hazardous areas       Yes         • ATEX Zone 2       Yes         • ATEX Zone 2       Yes         • CULus Class I Zone 1       No         • cULus Class I Zone 2, Division 2       Yes         • FM Class I Division 2       Yes         Ambient temperature during operation       0 °C         • max.       50 °C
Standards, approvals, certificates         CE mark       Yes         cULus       Yes         RCM (formerly C-TICK)       Yes         KC approval       Yes         Use in hazardous areas       Yes         • ATEX Zone 2       Yes         • ATEX Zone 22       Yes         • CULus Class I Zone 1       No         • CULus Class I Zone 2, Division 2       Yes         • FM Class I Division 2       Yes         Ambient conditions       Yes         Ambient temperature during operation       0 °C         • max.       50 °C
CE mark       Yes         cULus       Yes         RCM (formerly C-TICK)       Yes         KC approval       Yes         Use in hazardous areas       Yes         • ATEX Zone 2       Yes         • ATEX Zone 22       Yes         • CULus Class I Zone 1       No         • CULus Class I Zone 2, Division 2       Yes         • FM Class I Division 2       Yes         • FM Class I Division 2       Yes         Ambient conditions       0 °C         • max.       50 °C
cULus       Yes         RCM (formerly C-TICK)       Yes         KC approval       Yes         Use in hazardous areas       Yes         • ATEX Zone 2       Yes         • ATEX Zone 22       Yes         • CULus Class I Zone 1       No         • cULus Class I Zone 2, Division 2       Yes         • FM Class I Division 2       Yes         Ambient conditions       Yes         Ambient temperature during operation       0 °C         • max.       50 °C
RCM (formerly C-TICK)       Yes         KC approval       Yes         Use in hazardous areas       Yes         • ATEX Zone 2       Yes         • ATEX Zone 22       Yes         • CULus Class I Zone 1       No         • cULus Class I Zone 2, Division 2       Yes         • FM Class I Division 2       Yes         Ambient conditions       0 °C         • max.       50 °C
KC approval       Yes         Use in hazardous areas       Ves         • ATEX Zone 2       Yes         • ATEX Zone 22       Yes         • CULus Class I Zone 1       No         • cULus Class I Zone 2, Division 2       Yes         • FM Class I Division 2       Yes         Ambient conditions       0 °C         • max.       50 °C
Use in hazardous areas       Yes         • ATEX Zone 2       Yes         • ATEX Zone 22       Yes         • cULus Class I Zone 1       No         • cULus Class I Zone 2, Division 2       Yes         • FM Class I Division 2       Yes         • FM Class I Division 2       Yes         • mbient conditions       0 °C         • max.       50 °C
<ul> <li>ATEX Zone 2</li> <li>ATEX Zone 22</li> <li>ATEX Zone 22</li> <li>CULus Class I Zone 1</li> <li>CULus Class I Zone 2, Division 2</li> <li>FM Class I Division 2</li> <li>Yes</li> </ul> Ambient conditions           Ambient temperature during operation           • min.         0 °C           • max.         50 °C
<ul> <li>ATEX Zone 22</li> <li>ATEX Zone 22</li> <li>CULus Class I Zone 1</li> <li>CULus Class I Zone 2, Division 2</li> <li>FM Class I Division 2</li> <li>Yes</li> </ul> Ambient conditions           Ambient temperature during operation           • min.         0 °C           • max.         50 °C
• cULus Class I Zone 2, Division 2     Yes       • FM Class I Division 2     Yes       Ambient conditions     Yes       • min.     0 °C       • max.     50 °C
FM Class I Division 2 Yes  Ambient conditions  Ambient temperature during operation      min.         0 °C          max.         50 °C
Ambient conditions         Ambient temperature during operation         • min.       0 °C         • max.       50 °C
Ambient temperature during operation         • min.       0 °C         • max.       50 °C
• min. 0 °C • max. 50 °C
• max. 50 °C
Ambient temperature during storage/transportation
• min20 °C
• max. 60 °C
Relative humidity
• Operation, max. 90 %
Software
Web browser Yes
PDF reader Yes
configuration / header
Configuration
• Local Yes
Remote Yes; With Remote Configuration Center (RCC) as of V2.0
Languages
Online languages
Number of online/runtime languages 2; german / english
Peripherals/Options
USB memory Yes; USB storage medium can be connected
Mechanics/material

Enclosure material (front)	
Aluminum	Yes
Dimensions	
Width of the housing front	330 mm
Height of housing front	241 mm
Mounting cutout, width	310 mm
Mounting cutout, height	221 mm
Overall depth	82 mm
Weights	
Weight (without packaging)	3.4 kg
Weight (with packaging)	4.1 kg

last modified:

1/16/2021 🖸

Pobrano z : https://panele-hmi.pl/panel-operatorski-hmi-12-thin-client-siemens-6av6646-1aa22-0ax0