DATASHEET - XV-303-15-CE2-A00-1C



User interface with PLC as an SWD coordinator,24VDC,15.6-inch PCT widescreen display,1366x768,2xEthernet,1xRS232,1xRS485,1xCAN,1xSWD,1xProfibus,1



Powering Business Worldwide



XV-303-15-CE2-A00-1C Part no.

Catalog No. 191076

Alternate Catalog XV-303-15-CE2-A00-1C

No.

Similar to illustration

Del	ivery	program

Delivery program		
Product range		XV300 15.6"
Product range		XV-303
Subrange		SmartWire-DT touch display with integrated controller (HMI PLC)
Function		SmartWire-DT coordinator
Description		XV300 multi touch display with PLC function for flush mounting plates
Description		Control panel with PLC as a SmartWire-DT coordinator with PROFIBUS and 2nd Ethernet port
Common features of the model series		Ethernet interface CAN USB device USB Host RS232 RS485 Slot for SD card Operating System Windows Embedded Compact 7 pro Integrated Runtime visualization software license
Display - Type		Color display, TFT, anti-glare
Touch-technology		Capacitive multi-touch technology (PCT)
Number of colours		16777216 (Color depth 24 bit)
Resolution	Pixel	WXGA 1366 x 768
Portrait format		yes
Screen diagonal	Inch	15.6 widescreen
Model		Glass panel in aluminum bezel with die-cast aluminum enclosure and plastic enclosure
Operating system		Windows Embedded Compact 7 Pro
PLC-licence		PLC licence inclusive
License certificates for onboard interfaces		Not required
built-in interfaces		2 x Ethernet 10/100 Mbps 1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet 1 x PROFIBUS/MPI 1 x SmartWire-DT
Front type		Non-reflective tempered glass in aluminum frame
Utilization		Flush mounting
Slots		for SD card: 1
Memory card automation		Optionally with SD card -> article no. 181638
Pluggable communication cards (optional)		no
Touch sensor		Multi-touch touch panel
Heat dissipation	W	21.6
Connection to SmartWire-DT		yes

Technical data Display

Display - Type		Color display, TFT, anti-glare
Screen diagonal	Inch	15.6 widescreen
Resolution	Pixel	WXGA

			1366 x 768
Visible screen area		mm	344.23 x 193.54
Format			16:9
Viewing range	[left/right/up/down]	。 (Degrees	85°/85°/80°/80°)
Number of colours			16777216 (Color depth 24 bit)
Contrast ratio (Normally)			Normally 500:1
Brightness		cd/m ²	Normally 300
Back-lighting			LED dimmable via software
Service life of back-lighting		h	Normally 50000
Operation			
Technology			Projected Capacitive Touch (PCT)
Touch sensor			Multi-touch touch panel
System			
Processor			ARM Cortex-A9 800 MHz
Internal memory			DRAM: 512 MB RAM Flash: 1GB SLC NVRAM: 128kB Retain
External memory			SD card, Type: SDSC, SDHC
Cooling			Fanless CPU and system cooling, natural convection-based passive cooling
Back-up of real-time clock			
Battery (service life)			non-replaceable, BR2330 soldered in
Backup (time at zero voltage)			Normally 10 years
Engineering			
Visualisation software			GALILEO XSOFT-CODESYS
PLC-Programming software			XSOFT-CODESYS-2 XSOFT-CODESYS-3
Target and web visualization			Yes
PLC-licence			PLC licence inclusive
On a section as a section of			
Operating system			Windows Embedded Compact 7 Pro
Interfaces, communication			
			Windows Embedded Compact 7 Pro 2 x Ethernet 10/100 Mbps 1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet 1 x PROFIBUS/MPI 1 x SmartWire-DT
Interfaces, communication			2 x Ethernet 10/100 Mbps 1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet 1 x PR0FIBUS/MPI
Interfaces, communication built-in interfaces			2 x Ethernet 10/100 Mbps 1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet 1 x PROFIBUS/MPI 1 x SmartWire-DT
Interfaces, communication built-in interfaces USB Host			2 x Ethernet 10/100 Mbps 1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet 1 x PR0FIBUS/MPI 1 x SmartWire-DT USB 2.0, not galvanically isolated
Interfaces, communication built-in interfaces USB Host USB device			2 x Ethernet 10/100 Mbps 1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet 1 x PR0FIBUS/MPI 1 x SmartWire-DT USB 2.0, not galvanically isolated USB 2.0, not galvanically isolated
Interfaces, communication built-in interfaces USB Host USB device RS-232			2 x Ethernet 10/100 Mbps 1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet 1 x PROFIBUS/MPI 1 x SmartWire-DT USB 2.0, not galvanically isolated USB 2.0, not galvanically isolated Not galvanically isolated, 9-pin D-sub plug, UNC
Interfaces, communication built-in interfaces USB Host USB device RS-232 RS-485			2 x Ethernet 10/100 Mbps 1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet 1 x PROFIBUS/MPI 1 x SmartWire-DT USB 2.0, not galvanically isolated USB 2.0, not galvanically isolated Not galvanically isolated, 9-pin D-sub plug, UNC Not galvanically isolated, 9-pin D-sub plug, UNC
Interfaces, communication built-in interfaces USB Host USB device RS-232 RS-485 CAN			2 x Ethernet 10/100 Mbps 1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet 1 x PROFIBUS/MPI 1 x SmartWire-DT USB 2.0, not galvanically isolated USB 2.0, not galvanically isolated Not galvanically isolated, 9-pin D-sub plug, UNC Not galvanically isolated, 9-pin D-sub plug, UNC Not galvanically isolated, 9-pin D-sub plug, UNC
Interfaces, communication built-in interfaces USB Host USB device RS-232 RS-485 CAN Profibus			2 x Ethernet 10/100 Mbps 1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet 1 x PROFIBUS/MPI 1 x SmartWire-DT USB 2.0, not galvanically isolated USB 2.0, not galvanically isolated Not galvanically isolated, 9-pin D-sub plug, UNC PROFIBUS-DP, not galvanically isolated, 9 pole SUB-D socket, UNC
Interfaces, communication built-in interfaces USB Host USB device RS-232 RS-485 CAN Profibus Slots			2 x Ethernet 10/100 Mbps 1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet 1 x PROFIBUS/MPI 1 x SmartWire-DT USB 2.0, not galvanically isolated USB 2.0, not galvanically isolated USB 2.0, not galvanically isolated Not galvanically isolated, 9-pin D-sub plug, UNC Not galvanically isolated, 9-pin D-sub plug, UNC Not galvanically isolated, 9-pin D-sub plug, UNC PROFIBUS-DP, not galvanically isolated, 9 pole SUB-D socket, UNC for SD card: 1
Interfaces, communication built-in interfaces USB Host USB device RS-232 RS-485 CAN Profibus Slots SmartWire-DT master Ethernet MPI			2 x Ethernet 10/100 Mbps 1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet 1 x PROFIBUS/MPI 1 x SmartWire-DT USB 2.0, not galvanically isolated USB 2.0, not galvanically isolated Not galvanically isolated, 9-pin D-sub plug, UNC Not galvanically isolated, 9-pin D-sub plug, UNC Not galvanically isolated, 9-pin D-sub plug, UNC ROFIBUS-DP, not galvanically isolated, 9 pole SUB-D socket, UNC for SD card: 1 Yes
Interfaces, communication built-in interfaces USB Host USB device RS-232 RS-485 CAN Profibus Slots SmartWire-DT master Ethernet MPI Power supply			2 x Ethernet 10/100 Mbps 1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet 1 x PROFIBUS/MPI 1 x SmartWire-DT USB 2.0, not galvanically isolated USB 2.0, not galvanically isolated USB 2.0, not galvanically isolated Not galvanically isolated, 9-pin D-sub plug, UNC Not galvanically isolated, 9-pin D-sub plug, UNC Not galvanically isolated, 9-pin D-sub plug, UNC PROFIBUS-DP, not galvanically isolated, 9 pole SUB-D socket, UNC for SD card: 1 Yes 10/100 Mbps Yes
Interfaces, communication built-in interfaces USB Host USB device RS-232 RS-485 CAN Profibus Slots SmartWire-DT master Ethernet MPI Power supply Nominal voltage			2 x Ethernet 10/100 Mbps 1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet 1 x PROFIBUS/MPI 1 x SmartWire-DT USB 2.0, not galvanically isolated USB 2.0, not galvanically isolated Not galvanically isolated, 9-pin D-sub plug, UNC FROFIBUS-DP, not galvanically isolated, 9 pole SUB-D socket, UNC for SD card: 1 Yes 10/100 Mbps Yes
Interfaces, communication built-in interfaces USB Host USB device RS-232 RS-485 CAN Profibus Slots SmartWire-DT master Ethernet MPI Power supply			2 x Ethernet 10/100 Mbps 1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet 1 x PROFIBUS/MPI 1 x SmartWire-DT USB 2.0, not galvanically isolated USB 2.0, not galvanically isolated USB 2.0, not galvanically isolated Not galvanically isolated, 9-pin D-sub plug, UNC Not galvanically isolated, 9-pin D-sub plug, UNC Not galvanically isolated, 9-pin D-sub plug, UNC PROFIBUS-DP, not galvanically isolated, 9 pole SUB-D socket, UNC for SD card: 1 Yes 10/100 Mbps Yes
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Interfaces, communication built-in interfaces USB Host USB device RS-232 RS-485 CAN Profibus Slots SmartWire-DT master Ethernet MPI Power supply Nominal voltage permissible voltage	P _{max} .	ms W	2 x Ethernet 10/100 Mbps 1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet 1 x PROFIBUS/MPI 1 x SmartWire-DT USB 2.0, not galvanically isolated USB 2.0, not galvanically isolated WSB 2.0, not galvanically isolated Not galvanically isolated, 9-pin D-sub plug, UNC Not galvanically isolated, 9-pin D-sub plug, UNC Not galvanically isolated, 9-pin D-sub plug, UNC PROFIBUS-DP, not galvanically isolated, 9 pole SUB-D socket, UNC for SD card: 1 Yes 10/100 Mbps Yes 24 V DC SELV (safety extra low voltage) Effective: 19.2-30.0 V DC (rated operating voltage -20%/+25%) Absolute with ripple: 18,0-31,2 V DC Battery powered: 18,0-31,2 V DC (rated operating voltage -25%/+30%) 35 V DC for a duration of < 100 ms ≤ 10 ms from rated voltage (24 V DC)
Interfaces, communication built-in interfaces USB Host USB device RS-232 RS-485 CAN Profibus Slots SmartWire-DT master Ethernet MPI Power supply Nominal voltage permissible voltage	P _{max} .		2 x Ethernet 10/100 Mbps 1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet 1 x PROFIBUS/MPI 1 x SmartWire-DT USB 2.0, not galvanically isolated USB 2.0, not galvanically isolated Not galvanically isolated, 9-pin D-sub plug, UNC PROFIBUS-DP, not galvanically isolated, 9 pole SUB-D socket, UNC for SD card: 1 Yes 10/100 Mbps Yes 24 V DC SELV (safety extra low voltage) Effective: 19.2-30.0 V DC (rated operating voltage -20%/+25%) Absolute with ripple: 18,0-31,2 V DC Battery powered: 18,0-31,2 V DC (rated operating voltage -25%/+30%) 35 V DC for a duration of < 100 ms ≤ 10 ms from rated voltage (24 V DC) 5 ms from undervoltage (19.2 V DC)
Interfaces, communication built-in interfaces USB Host USB device RS-232 RS-485 CAN Profibus Slots SmartWire-DT master Ethernet MPI Power supply Nominal voltage permissible voltage Voltage dips Power consumption	P _{max} .	W	2 x Ethernet 10/100 Mbps 1 x R5232 1 x R5485 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet 1 x PROFIBUS/MPI 1 x SmartWire-DT USB 2.0, not galvanically isolated USB 2.0, not galvanically isolated Wot galvanically isolated, 9-pin D-sub plug, UNC Not galvanically isolated, 9-pin D-sub plug, UNC Not galvanically isolated, 9-pin D-sub plug, UNC ROFIBUS-DP, not galvanically isolated, 9 pole SUB-D socket, UNC for SD card: 1 Yes 10/100 Mbps Yes 24 V DC SELV (safety extra low voltage) Effective: 19.2-30.0 V DC (rated operating voltage -20%/+25%) Absolute with ripple: 18,0-31,2 V DC Battery powered: 18,0-31,2 V DC (rated operating voltage -25%/+30%) 35 V DC for a duration of < 100 ms ≤ 10 ms from rated voltage (24 V DC) 5 ms from undervoltage (19.2 V DC)
Interfaces, communication built-in interfaces USB Host USB device RS-232 RS-485 CAN Profibus Slots SmartWire-DT master Ethernet MPI Power supply Nominal voltage permissible voltage Voltage dips Power consumption Power consumption	P _{max} .	W W	2 x Ethernet 10/100 Mbps 1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet 1 x PROFIBUS/MPI 1 x SmartWire-DT USB 2.0, not galvanically isolated USB 2.0, not galvanically isolated Not galvanically isolated, 9-pin D-sub plug, UNC Not galvanically isolated, 9-pin D-sub plug, UNC Not galvanically isolated, 9-pin D-sub plug, UNC PROFIBUS-DP, not galvanically isolated, 9 pole SUB-D socket, UNC for SD card: 1 Yes 10/100 Mbps Yes 24 V DC SELV (safety extra low voltage) Effective: 19.2-30.0 V DC (rated operating voltage -20%/+25%) Absolute with ripple: 18,0-31,2 V DC Battery powered: 18,0-31,2 V DC (rated operating voltage -25%/+30%) 35 V DC for a duration of < 100 ms < 10 ms from rated voltage (24 V DC) 5 ms from undervoltage (19.2 V DC) 21.6 Normally 16

Protection against polarity reversal			yes
Type of fuse			Yes (fuse not accessible)
Potential isolation			no
General			
Housing material			Aluminium die-cast (glass panel) Insulated material black
Front type			Non-reflective tempered glass in aluminum frame
Dimensions (W x H x D)		mm	404 x 255 x 53
flush mounted			Clearance: W x H \geq 50 mm (1.97"), T \geq 20 mm (0.79") Inclination from vertical: # \leq \pm 10 ° (if using natural convection) Mounting plate: min. 1.5 mm (0.06"), max. 4 mm
Weight		kg	3.95
Degree of protection (IEC/EN 60529, EN50178, VBG 4)			IP65 (in the front as per EN 60529-1), IP20 (on rear as per EN 60529-1) NEMA 4X NEMA12 (as per NEMA 250-2003)
Approvals			
Approvals			cUL 61010-2-201
Applied standards and directives			
EMC			2004/108/EEC
Emitted interference			IEC/EN 61000-6-4
Interference immunity			IEC/EN 61000-6-2
Product standards			EN50178/IEC/EN 61131-2
Mechanical shock resistance		g	15g / 11ms
Vibration			59 Hz +- 3.5 mm 960 Hz +- 0.15 mm 60150 Hz ± 2 g
Free fall, packaged		m	IEC/EN 60068-2-31
RoHS			conform
Environmental conditions			
Climatic environmental conditions			
Climatic proofing			Cold to EN 60068-2-1 Dry heat to IEC 60068-2-2 Damp heat as per EN 60068-2-3
Air pressure (operation)		hPa	795 - 1080
Temperature			
Storage / Transport	θ	°C	-20 - +60
Operating ambient temperature min.		°C	0
Operating ambient temperature max.		°C	+ 50
Relative humidity			
Condensation			Non-condensing
Relative humidity			10 - 95%, non-condensing
Supply voltage U _{Aux}			
Rated operational voltage	U_{Aux}	V	24 V DC (-15/+20%)
Residual ripple on the input voltage		%	≦ 5
Protection against polarity reversal			Yes
Max. current	I _{max}	Α	3
Note			If contactors with a total power consumption > 3 A are connected, a power feeder module EU5C-SWD-PF1/2 has to be used.
Short-circuit rating			no, external fuse FAZ Z3
Potential isolation			No
Rated operating voltage of 24-V-DC slaves		V	typ. U _{Aux} - 0.2
Supply voltage U _{Pow}			
Supply voltage	U_{Pow}	V	24 DC -15 % + 20 %
Input voltage ripple		%	≦ 5
Protection against polarity reversal			yes
Rated current	1	Α	0.7
Overload proof			yes
Inrush current and duration		Α	12.5 A/6 ms
Heat dissipation at 24 V DC		W	1.0
•		VV	No No
Potential isolation between U _{Pow} and 15 V SmartWire-DT supply voltage			

Bridging voltage dips		ms	10
Repetition rate		s	1
Status indication		LED	yes
SmartWire-DT supply voltage			
Rated operating voltage	U _e	V	14.5 ± 3 %
max. current	I _{max}	Α	0.7
Note			If SmartWire-DT modules with a total power consumption $>$ 0.7 A are connected, a power feeder module EU5C-SWD-PF2 has to be used.
Short-circuit rating			Yes
Connection supply voltages			
Connection type			Push in terminals
Solid		mm^2	0.2 - 1.5
Flexible with ferrule		mm ²	0.25 - 1.5
UL/CSA solid or stranded		AWG	24 - 16
SmartWire-DT network			
Station type			SmartWire-DT master
Number of SmartWire-DT slaves			99
Baud Rates		kBd	125 250
Address allocation			automatic
Status indication		LED	SmartWire-DT master LED: red/green Configurations LED: red/green
Connections			Plug, 8-pole
Plug connector			Blade terminal SWD4-8MF2

Design verification as per IEC/EN 61439

chnical data for design verification			
Rated operational current for specified heat dissipation	In	Α	0
Heat dissipation per pole, current-dependent	P _{vid}	W	0
Equipment heat dissipation, current-dependent	P _{vid}	W	0
Static heat dissipation, non-current-dependent	P _{vs}	W	21.6
Heat dissipation capacity	P _{diss}	W	0
Operating ambient temperature min.		°C	0
Operating ambient temperature max.		°C	50
Degree of Protection			IP65 (in the front as per EN 60529-1), IP20 (on rear as per EN 60529-1) NEMA 4X NEMA12 (as per NEMA 250-2003)
C/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects $$			Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Please enquire
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES			Meets the product standard's requirements.
10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.

10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
10.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating	Is the panel builder's responsibility.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility.
10.13 Mechanical function	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 7.0

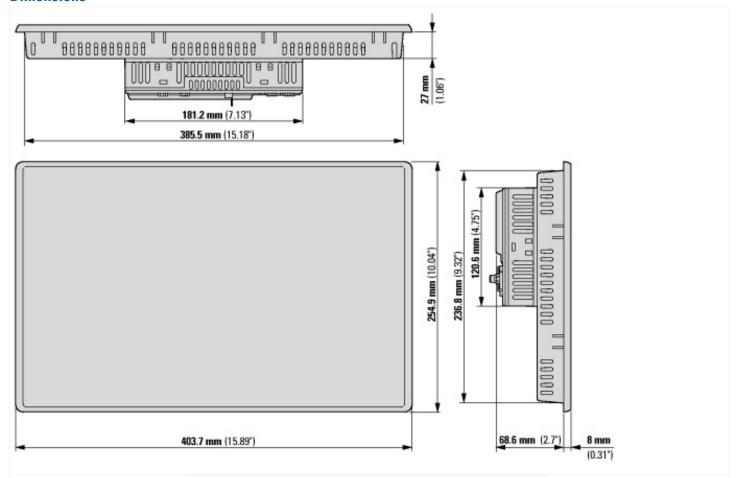
RIGILIS CONTROL VICE AND					
PLC's (EG000024) / Graphic panel (EC001412)					
Electric engineering, automation, process control engineering / Display and co					
Supply voltage AC 50 Hz	V	0 - 0			
Supply voltage AC 60 Hz	V	0 - 0			
Supply voltage DC	V	19.2 - 30			
Voltage type of supply voltage		DC			
Number of HW-interfaces industrial Ethernet		2			
Number of interfaces PROFINET		0			
Number of HW-interfaces RS-232		1			
Number of HW-interfaces RS-422		0			
Number of HW-interfaces RS-485		1			
Number of HW-interfaces serial TTY		0			
Number of HW-interfaces USB		2			
Number of HW-interfaces parallel		0			
Number of HW-interfaces Wireless		0			
Number of HW-interfaces other		3			
With SW interfaces		Yes			
Supporting protocol for TCP/IP		Yes			
Supporting protocol for PROFIBUS		Yes			
Supporting protocol for CAN		Yes			
Supporting protocol for INTERBUS		No			
Supporting protocol for ASI		No			
Supporting protocol for KNX		No			
Supporting protocol for MODBUS		Yes			
Supporting protocol for Data-Highway		No			
Supporting protocol for DeviceNet		No			
Supporting protocol for SUCONET		No			
Supporting protocol for LON		No			
Supporting protocol for PROFINET IO		No			
Supporting protocol for PROFINET CBA		No			
Supporting protocol for SERCOS		No			
Supporting protocol for Foundation Fieldbus		No			
Supporting protocol for EtherNet/IP		Yes			
Supporting protocol for AS-Interface Safety at Work		No			
Supporting protocol for DeviceNet Safety		No			
Supporting protocol for INTERBUS-Safety		No			
Supporting protocol for PROFIsafe		No			
Supporting protocol for SafetyBUS p		No			
Supporting protocol for other bus systems		No			
Radio standard Bluetooth		No			
Radio standard WLAN 802.11		No			
Radio standard GPRS		No			
Radio standard GSM		No			
Radio standard UMTS		No			
IO link master		No			
Type of display		TFT			
With colour display		Yes			

			40000040
Number of colours of the display			16777216
Number of grey-scales/blue-scales of display			0
Screen diagonal	iı	nch	15.6
Number of pixels, horizontal			1366
Number of pixels, vertical			768
Useful project memory/user memory	k	kByte	512000
With numeric keyboard			No
With alpha numeric keyboard			No
Number of function buttons, programmable			0
Number of buttons with LED			0
Number of system buttons			1
Touch technology			Capacitive multitouch
With message indication			Yes
With message system (incl. buffer and confirmation)			Yes
Process value representation (output) possible			Yes
Process default value (input) possible			Yes
With recipes			Yes
Number of password levels			200
With printer output			Yes
Number of online languages			100
Additional software components, loadable			Yes
Degree of protection (IP), front side			IP65
Degree of protection (NEMA), front side			12
Operation temperature	0	°C	0 - 50
Rail mounting possible			No
Wall mounting/direct mounting			No
Suitable for safety functions			No
Width of the front	n	mm	404
Height of the front	n	mm	255
Built-in depth	n	mm	75.5

Approvals

North America Certification	Request filed for UL
Specially designed for North America	No
Current Limiting Circuit-Breaker	No
Degree of Protection	IEC: IP65, NA: NEMA4X, NEMA12

Dimensions



XV-303-... multi-touch panel with 15.6" screen diagonal; version: flush mounting

