DATASHEET - XV-303-10-B00-A00-1B



Control panel, 24VDC, 10 Inches PCT-Display, 1024x600 pixels, 1xEthernet, 1xRS232, 1xRS485, 1xCAN, 1xSD card slot, PLC function can be fitted by user



Part no. XV-303-10-B00-A00-1B

Catalog No. 179659

Alternate Catalog XV-303-10-B00-A00-1B

No.

Similar to illustration

Delivery program

Product range XV300 10.1* Product range XV300 10.1* Function HMI-PLC (SPS function, retrofittable) Description Control panel Common features of the model series Ethernet interface Constitution of the model series of the model of the series of t	Delivery program		
Function Description Common features of the model series Common features of the model series Resorration Display - Type Touch-technology Number of colours Resolution Portrait format Screen diagonal Operating system Model Operating system Model Description Color display, TT, anti-glare Display - Type Touch-technology Number of colours Resolution Portrait format Screen diagonal Operating system Model Description Turnitar of the model series Display - Type Touch-technology Portrait format Screen diagonal Display - Type Touch-technology Portrait format Screen diagonal Anti-glare tempered glass in plastic barel Turnitar of colours Function Turnitar of colours Function Turnitar of colours Anti-glare tempered glass in plastic barel Turnitar of colours Model Description Turnitar of colours Turnitar o	Product range		XV300 10.1"
Description Control panel Common features of the model series Ethernet interface CAN USB dovice USB dovic	Product range		XV-303
Common features of the model series Ethernet interface CAN USB device USB Host RS232 RS465 RS232 RS5232 RS465 RS232 RS5232 RS465 RS232 RS5232 RS465 RS232 RS5232 RS5232 RS5232 RS465 RS232 RS5232 RS5232 RS5232 RS465 RS232 RS5232 RS465 RS2322 RS2422	Function		HMI-PLC (SPS function, retrofittable)
LOSA device USB Host RS222 RS485 SIst for SD card Operating System Windows Embedded Compact 7 pro Integrated Buntime visualization software license Color display. TFL anti-glare Color display TFL anti-glare Color display (PCT) Number of colours 16777216 (Color depth 24 bit) Resolution Pikel WSVGA 1024 x 6000 Portrait format yes Screen diagonal Inch 10.1 widescreen Model Plastic enclosure and glass panel in plastic frame Plec-licence Plastic enclosure and glass panel in plastic frame PLC-licence Plastic enclosure and glass panel in plastic frame PLC-licence Can be fitted by user with article no. 181585 LIC-PLC-A License certificates for onboard interfaces Not required built-in interfaces 1 x Ebernet 10/100 Mbps 1 x RS222 1 x USS host 2.0 1 x USS device 1 x CANopen®/easyNet Front type Anti-glare tempered glass in plastic bezel Utilization First Deard: 1 Memory card automation Pluggable communication cards (optional) no Publication panel	Description		Control panel
Touch-technology Number of colours Resolution Pixel WSVGA 1024 x 600 Portrait format Screen diagonal Model Operating system PLC-licence License certificates for onboard interfaces built-in interfaces License certificates for onboard interfaces built-in interfaces License certificates for onboard interfaces built-in interfaces License certificates for onboard interfaces built-in onterfaces License certificates for onboard interfaces built-in onterfaces License certificates for onboard interfaces built-in onterfaces License certificates for onboard interfaces License certificates License certificates for onboard interfaces License c	Common features of the model series		CAN USB device USB Host RS232 RS485 Slot for SD card Operating System Windows Embedded Compact 7 pro
Number of colours Resolution Pixel WSVGA 1024 x 600 Portrait format Screen diagonal Inch Model Operating system PLC-licence License certificates for onboard interfaces built-in interfaces Divides descreen Vindows Embedded Compact 7 Pro Can be fitted by user with article no. 181585 LIC-PLC-A Not required 1 x Ethernet 10/100 Mbps 1 x Ethernet 10/100 Mbps 1 x Ethernet 10/100 Mbps 1 x Ethernet 10/100 Mbps 1 x Ethernet 10/100 Mbps 1 x USB device 1 x USB device 1 x USB device 1 x CANopen®/easyNet Front type Utilization Front type Utilization Slots Memory card automation Pluggable communication cards (optional) Touch sensor Multi-touch touch panel	Display - Type		Color display, TFT, anti-glare
Resolution Pixel WSVGA 1024 x 6000 Portrait format Screen diagonal Model Operating system Operating system PLC-licence License certificates for onboard interfaces built-in interfaces built-in interfaces Front type Utilization Slots Memory card automation Pluggable communication cards (optional) Touch sensor Pixel WSVGA 1024 x 6000 yes Windows Embedded Compact 7 Pro Can be fitted by user with article no. 181585 LIC-PLC-A Windows Embedded Compact 7 Pro Can be fitted by user with article no. 181585 LIC-PLC-A Not required 1 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 Anti-glare tempered glass in plastic bezel Flush mounting for SD card: 1 Optionally with SD card -> article no. 181638 Pluggable communication cards (optional) Touch sensor	Touch-technology		Capacitive multi-touch technology (PCT)
Portrait format Screen diagonal Model Operating system Operating system Claim be fitted by user with article no. 181585 LIC-PLC-A License certificates for onboard interfaces built-in interfaces built-in interfaces built-in operating system Front type Utilization Slots Memory card automation Pluggable communication cards (optional) Touch sensor Inch 10.1 widescreen Windows Embedded Compact 7 Pro Can be fitted by user with article no. 181585 LIC-PLC-A Not required Not required 1 x Ethernet 10/100 Mbps 1 x RS232 1 x USB device 1 x USB device 1 x CANOpen@/easyNet Flush mounting for SD card: 1 Optionally with SD card -> article no. 181638 Multi-touch touch panel	Number of colours		16777216 (Color depth 24 bit)
Screen diagonal Inch Widescreen Model Operating system PLC-licence License certificates for onboard interfaces built-in interfaces built-in yer Front type Utilization Slots Memory card automation Pluggable communication cards (optional) Touch sensor Inch Inch Windows Embedded Compact 7 Pro Windows Embedded Compact 7 Pro Can be fitted by user with article no. 181585 LIC-PLC-A Not required Not required 1 x Ethernet 10/100 Mbps 1 x RS232 1 x RS245 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet Anti-glare tempered glass in plastic bezel Utilization Optionally with SD card -> article no. 181638 Pluggable communication cards (optional) no Multi-touch touch panel	Resolution	Pixel	
Model Plastic enclosure and glass panel in plastic frame Operating system Windows Embedded Compact 7 Pro PLC-licence Can be fitted by user with article no. 181585 LIC-PLC-A License certificates for onboard interfaces Not required built-in interfaces 1 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 host 2.0 1 x USB device 1 x CANopen@leasyNet Front type Anti-glare tempered glass in plastic bezel 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	Portrait format		yes
Operating system PLC-licence Can be fitted by user with article no. 181585 LIC-PLC-A Not required built-in interfaces 1 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 Front type Anti-glare tempered glass in plastic bezel Utilization Flush mounting Slots Memory card automation Pluggable communication cards (optional) Touch sensor Windows Embedded Compact 7 Pro Can be fitted by user with article no. 181585 LIC-PLC-A Not required Not required 1 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 Anti-glare tempered glass in plastic bezel Flush mounting for SD card: 1 Optionally with SD card -> article no. 181638 Pluggable communication cards (optional) no Multi-touch touch panel	Screen diagonal	Inch	
PLC-licence License certificates for onboard interfaces built-in interfaces 1 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 Front type Anti-glare tempered glass in plastic bezel Utilization Slots Memory card automation Pluggable communication cards (optional) Touch sensor Can be fitted by user with article no. 181585 LIC-PLC-A Not required 1 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 Anti-glare tempered glass in plastic bezel Flush mounting for SD card: 1 Optionally with SD card -> article no. 181638 Pluggable communication cards (optional) Touch sensor Multi-touch touch panel	Model		Plastic enclosure and glass panel in plastic frame
License certificates for onboard interfaces built-in interfaces 1 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 Front type Utilization Slots Memory card automation Pluggable communication cards (optional) Touch sensor Not required 1 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 Anti-glare tempered glass in plastic bezel Flush mounting for SD card: 1 Optionally with SD card -> article no. 181638 no Multi-touch touch panel	Operating system		Windows Embedded Compact 7 Pro
built-in interfaces 1 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 Front type Anti-glare tempered glass in plastic bezel Utilization Flush mounting Slots Memory card automation Optionally with SD card -> article no. 181638 Pluggable communication cards (optional) no Multi-touch touch panel	PLC-licence		Can be fitted by user with article no. 181585 LIC-PLC-A
1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB device 1 x CANopen®/easyNet Front type Anti-glare tempered glass in plastic bezel Utilization Flush mounting Slots for SD card: 1 Memory card automation Optionally with SD card -> article no. 181638 Pluggable communication cards (optional) Touch sensor Multi-touch touch panel	License certificates for onboard interfaces		Not required
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	built-in interfaces		1 x RS232 1 x RS485 1 x USB host 2.0 1 x USB device
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	Front type		Anti-glare tempered glass in plastic bezel
Memory card automation Optionally with SD card -> article no. 181638 Pluggable communication cards (optional) no Touch sensor Multi-touch touch panel	Utilization		Flush mounting
Pluggable communication cards (optional) no Touch sensor Multi-touch touch panel	Slots		for SD card: 1
Touch sensor Multi-touch touch panel	Memory card automation		Optionally with SD card -> article no. 181638
· ·	Pluggable communication cards (optional)		no
Heat dissipation W 18	Touch sensor		Multi-touch touch panel
	Heat dissipation	W	18

Technical data

Dishigh		
Display - Type		Color display, TFT, anti-glare
Screen diagonal	Inch	10.1 widescreen
Resolution	Pixel	WSVGA 1024 x 600
Visible screen area	mm	222.72 x 125.28
Format		16:9
Number of colours		16777216 (Color depth 24 bit)
Contrast ratio (Normally)		Normally 500:1

Brightness		2 11. 2	Normally 400
		cd/m ²	
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			ADM Control AC COO MILE
Processor			ARM Cortex-A9 800 MHz DRAM: 512 MB RAM
Internal memory			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			CALIFO
Visualisation software			GALILEO XSOFT-CODESYS
PLC-Programming software			XSOFT-CODESYS-2 XSOFT-CODESYS-3
Target and web visualization			Yes
PLC-licence			Can be fitted by user with article no. 181585 LIC-PLC-A
Operating system Interfaces, communication			Windows Embedded Compact 7 Pro
built-in interfaces			1 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
USB Host			USB 2.0, not galvanically isolated
USB device			USB 2.0, not galvanically isolated
RS-232			Not galvanically isolated, 9-pin D-sub plug, UNC
RS-485			Not galvanically isolated, 9-pin D-sub plug, UNC
CAN			Not galvanically isolated, 9-pin D-sub plug, UNC
Slots			for SD card: 1
Ethernet			10/100 Mbps
MPI Power cumply			no
Power supply Nominal voltage			24 V DC SELV (safety extra low voltage)
permissible 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
Voltage dips		ms	≤ 10 ms from rated voltage (24 V DC) 5 ms from undervoltage (19.2 V DC)
Power consumption	P _{max} .	W	18
Power consumption		W	Normally 18
Heat dissipation		W	18
Note on heat dissipation			Heat dissipation with power consumption for 24 V 12 W for basic device + 2.5 W for USB module
Protection against polarity reversal			yes
Type of fuse			Yes (fuse not accessible)
Potential isolation			no
General Housing material			Insulated material black
Front type			Anti-glare tempered glass in plastic bezel
Dimensions (W x H x D)		mm	269 x 174 x 58
flush mounted			Clearance: W x H x D ≥ 30 mm (1.18") Inclination from vertical: ±45° (if using natural convection)
Weight		kg	1.13
-		J	

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
shipping classification			DNV GL
			DNV-GL MARITIME
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	8	°C	-20 - +60
Operating ambient temperature min.		°C	0
Operating ambient temperature max.		°C	+ 50
Relative humidity			

Design verification as per IEC/EN 61439

Condensation

Relative humidity

echnical 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	18
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
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.

Non-condensing

10 - 95%, non-condensing

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

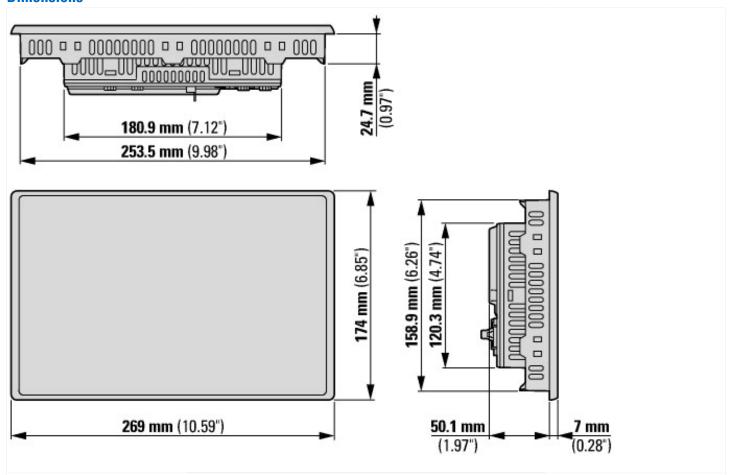
16Cililical uata Ettivi 7.0				
PLC's (EG000024) / Graphic panel (EC001412)				
Electric engineering, automation, process control engineering / Display and control component / Panel (HMI) / Graphic panel (HMI) (ecl@ss10.0.1-27-33-02-01 [AFX016003])				
Supply voltage AC 50 Hz	V	/ (0 - 0	
Supply voltage AC 60 Hz	V	/ (0 - 0	
Supply voltage DC	V	/ 1	19.2 - 30	
Voltage type of supply voltage		[DC	
Number of HW-interfaces industrial Ethernet		1	1	
Number of interfaces PROFINET		C	0	
Number of HW-interfaces RS-232		1	1	
Number of HW-interfaces RS-422		C	0	
Number of HW-interfaces RS-485		1	1	
Number of HW-interfaces serial TTY		C	0	
Number of HW-interfaces USB		2	2	
Number of HW-interfaces parallel		C	0	
Number of HW-interfaces Wireless		C	0	
Number of HW-interfaces other		1	1	
With SW interfaces		١	Yes	
Supporting protocol for TCP/IP		١	Yes	
Supporting protocol for PROFIBUS		1	No	
Supporting protocol for CAN		١	Yes	
Supporting protocol for INTERBUS		1	No	
Supporting protocol for ASI		1	No	
Supporting protocol for KNX		1	No	
Supporting protocol for MODBUS		١	Yes	
Supporting protocol for Data-Highway		1	No	
Supporting protocol for DeviceNet		1	No	
Supporting protocol for SUCONET		1	No	
Supporting protocol for LON		1	No	
Supporting protocol for PROFINET IO		1	No	
Supporting protocol for PROFINET CBA		1	No	
Supporting protocol for SERCOS		1	No	
Supporting protocol for Foundation Fieldbus		1	No	
Supporting protocol for EtherNet/IP		١	Yes	
Supporting protocol for AS-Interface Safety at Work		1	No	
Supporting protocol for DeviceNet Safety		1	No	
Supporting protocol for INTERBUS-Safety		1	No	
Supporting protocol for PROFIsafe		1	No	
Supporting protocol for SafetyBUS p		1	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
Number of colours of the display		16777.216
Number of grey-scales/blue-scales of display		0
Screen diagonal	inch	10.1
Number of pixels, horizontal		1.024
Number of pixels, vertical		600
Useful project memory/user memory	kByte	512
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		
Number of system buttons		1
Touch technology		1 Capacitive multitouch
Touch technology		Capacitive multitouch
Touch technology With message indication		Capacitive multitouch Yes
Touch technology With message indication With message system (incl. buffer and confirmation)		Capacitive multitouch Yes Yes
Touch technology With message indication With message system (incl. buffer and confirmation) Process value representation (output) possible		Capacitive multitouch Yes Yes Yes
Touch technology With message indication With message system (incl. buffer and confirmation) Process value representation (output) possible Process default value (input) possible		Capacitive multitouch Yes Yes Yes Yes
Touch technology With message indication With message system (incl. buffer and confirmation) Process value representation (output) possible Process default value (input) possible With recipes		Capacitive multitouch Yes Yes Yes Yes Yes
Touch technology With message indication With message system (incl. buffer and confirmation) Process value representation (output) possible Process default value (input) possible With recipes Number of password levels		Capacitive multitouch Yes Yes Yes Yes Yes 200
Touch technology With message indication With message system (incl. buffer and confirmation) Process value representation (output) possible Process default value (input) possible With recipes Number of password levels With printer output		Capacitive multitouch Yes Yes Yes Yes Yes Yes Yes Yes
Touch technology With message indication With message system (incl. buffer and confirmation) Process value representation (output) possible Process default value (input) possible With recipes Number of password levels With printer output Number of online languages		Capacitive multitouch Yes Yes Yes Yes Yes Yes Yes 100
Touch technology With message indication With message system (incl. buffer and confirmation) Process value representation (output) possible Process default value (input) possible With recipes Number of password levels With printer output Number of online languages Additional software components, loadable		Capacitive multitouch Yes Yes Yes Yes Yes Yes 100 Yes
Touch technology With message indication With message system (incl. buffer and confirmation) Process value representation (output) possible Process default value (input) possible With recipes Number of password levels With printer output Number of online languages Additional software components, loadable Degree of protection (IP), front side	°C	Capacitive multitouch Yes Yes Yes Yes Yes 200 Yes 100 Yes
Touch technology With message indication With message system (incl. buffer and confirmation) Process value representation (output) possible Process default value (input) possible With recipes Number of password levels With printer output Number of online languages Additional software components, loadable Degree of protection (IP), front side Degree of protection (NEMA), front side	°C	Capacitive multitouch Yes Yes Yes Yes Yes Yes 100 Yes 1P65
Touch technology With message indication With message system (incl. buffer and confirmation) Process value representation (output) possible Process default value (input) possible With recipes Number of password levels With printer output Number of online languages Additional software components, loadable Degree of protection (IP), front side Degree of protection (NEMA), front side Operation temperature	°C	Capacitive multitouch Yes Yes Yes Yes Yes 200 Yes 100 Yes 1P65 12 0 - 50
Touch technology With message indication With message system (incl. buffer and confirmation) Process value representation (output) possible Process default value (input) possible With recipes Number of password levels With printer output Number of online languages Additional software components, loadable Degree of protection (IP), front side Degree of protection (NEMA), front side Operation temperature Rail mounting possible	°C	Capacitive multitouch Yes Yes Yes Yes Yes Yes 200 Yes 100 Yes 112 0 - 50 No
Touch technology With message indication With message system (incl. buffer and confirmation) Process value representation (output) possible Process default value (input) possible With recipes Number of password levels With printer output Number of online languages Additional software components, loadable Degree of protection (IP), front side Degree of protection (NEMA), front side Operation temperature Rail mounting possible Wall mounting/direct mounting	oC C	Capacitive multitouch Yes Yes Yes Yes Yes 200 Yes 100 Yes 1P65 12 0 - 50 No
Touch technology With message indication With message system (incl. buffer and confirmation) Process value representation (output) possible Process default value (input) possible With recipes Number of password levels With printer output Number of online languages Additional software components, loadable Degree of protection (IP), front side Degree of protection (NEMA), front side Operation temperature Rail mounting possible Wall mounting/direct mounting Suitable for safety functions		Capacitive multitouch Yes Yes Yes Yes Yes 200 Yes 100 Yes 100 You No No
Touch technology With message indication With message system (incl. buffer and confirmation) Process value representation (output) possible Process default value (input) possible With recipes Number of password levels With printer output Number of online languages Additional software components, loadable Degree of protection (IP), front side Degree of protection (NEMA), front side Operation temperature Rail mounting possible Wall mounting/direct mounting Suitable for safety functions Width of the front	mm	Capacitive multitouch Yes Yes Yes Yes Yes Yes 200 Yes 100 Yes 100 No No No No

Approvals

Product Standards	UL 61010-2-201; IEC/EN 61131-2; CE
UL File No.	E205091
North America Certification	UL listed, certified by UL for use in Canada
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 10.1" screen diagonal; version: flush mounting

