### **DATASHEET - XV-303-70-C00-A00-1B**



Control panel, 24VDC, 7 Inches PCT-Display, 1024x600 pixels, 2xEthernet, 1xRS232, 1xRS485, 1xCAN, 1xSD card slot, PLC function can be fitted by user



Part no. XV-303-70-C00-A00-1B

Catalog No. 179648

Alternate Catalog XV-303-70-C00-A00-1B

No.

Similar to illustration

**Delivery program** 

Delivery program		
Product range		XV300 7"
Product range		XV-303
Function		HMI-PLC (SPS function, retrofittable)
Description		Control panel with 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	WSVGA 1024 x 600
Portrait format		yes
Screen diagonal	Inch	7 widescreen
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		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
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
Heat dissipation	W	14.4

## Technical data

Display		
Display - Type		Color display, TFT, anti-glare
Screen diagonal	Inch	7 widescreen
Resolution	Pixel	WSVGA 1024 x 600
Visible screen area	mm	153.6 x 90.0
Format		16:9
Number of colours		16777216 (Color depth 24 bit)
Contrast ratio (Normally)		Normally 850:1

Brightness Back-lighting		cd/m <sup>2</sup>	Normally 400
Back-lighting			LED
			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			10110
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			Can be fitted by user with article no. 181585 LIC-PLC-A
Operating system			Windows Embedded Compact 7 Pro
Interfaces, communication built-in interfaces			2 x Ethernet 10/100 Mbps
nunt-in interraces			1 x RS232
			1 x RS485 1 x USB host 2.0
			1 x USB device
LICE Hook			1 x CANopen®/easyNet USB 2.0, not galvanically isolated
USB Host USB device			· · · · · ·
RS-232			USB 2.0, not galvanically isolated  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 Power supply			10/100 Mbps
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 <sub>max</sub> .	W	14.4
Power consumption		W	Normally 14
Heat dissipation		W	14.4
Note on heat dissipation			Heat dissipation with power consumption for 24 V 11.9 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	196 x 135 x 51
flush mounted			Clearance: W x H x D $\geq$ 30 mm (1.18") Inclination from vertical: $\pm 45^{\circ}$ (if using natural convection)
Weight		kg	0.74
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			(in particular to the particul
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	9	°C	-20 - +60
Operating ambient temperature min.		°C	0
Operating ambient temperature max.		°C	+ 50
Relative humidity			
Condensation			Non-condensing

### Design verification as per IEC/EN 61439

Relative humidity

echnical data for design verification			
Rated operational current for specified heat dissipation	In	Α	0
Heat dissipation per pole, current-dependent	$P_{\text{vid}}$	W	0
Equipment heat dissipation, current-dependent	$P_{\text{vid}}$	W	0
Static heat dissipation, non-current-dependent	$P_{vs}$	W	14.4
Heat dissipation capacity	P <sub>diss</sub>	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.
10.3 Degree of protection of ASSEMBLIES			Meets the product standard's requirements.

10 - 95%, non-condensing

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 PLC's (EG000024) / Graphic panel (EC001412)

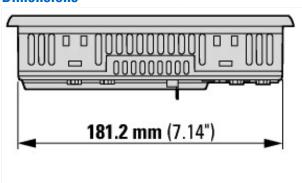
PLG 8 (EG000024) / Grapnic panel (EG001412)			
Electric engineering, automation, process control engineering / Display and	control component / Pa	anel (I	HMI) / Graphic panel (HMI) (ecl@ss10.0.1-27-33-02-01 [AFX016003])
Supply voltage AC 50 Hz		V	0 - 0
Supply voltage AC 60 Hz		V	0 - 0
Supply voltage DC		V	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			1
With SW interfaces			Yes
Supporting protocol for TCP/IP			Yes
Supporting protocol for PROFIBUS			No
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

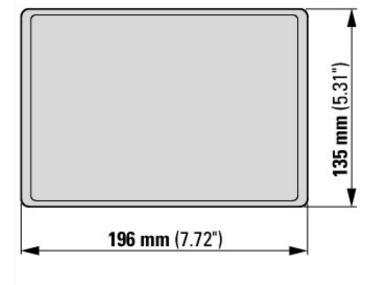
Kado Latardard Shetcottl         No           Radio Latardard SPMS         No           In link master         No           Will colour deplay         TFT           Number of Colours of the display         1877.718           Number of priess calabible-scales of display         1877.718           Number of priess, between the display         1877.718           Number of priess, between the display         1872.718           Number of priess, between the display         1872.718           Number of priess, between the display         1872.718           Number of priess, between the display         180           Number of display of the display         180           Number of system huttons         180           Number of system huttons         180           Number of system funct buffer and confirmation         180 </th <th></th> <th></th> <th></th>			
Radio standard GNR         No           Radio standard SNA         No           Radio standard SNA         No           Gladio standard LWTS         No           Type of display         TF           With colour display         Yes           Number of display         10           Number of display         10           Screen disponal         10           Number of givesis, horizontal         10           Number of givesis, horizontal         10           Number of givesis, horizontal         10           With project memory liser memory         10           With spin numeric keyboard         10           With spin	Radio standard Bluetooth		No
Redio standard GNM           No         No <td></td> <td></td> <td></td>			
Black standard UMTS         No           Black master         Commander         FT           Type of display         FT           With colour of the display         FE         PS           Number of colours of the display         Commander of prey-scales/blue-scales of display         Commander of prey-scales of prey-scales of prey-scales of buttons with LED         Commander of prey-scales of prey-scales of prey-scales of buttons with LED         Commander of prey-scales of	Radio standard GPRS		No
In Ink master       Monther of cloplay       FF         With colour display       FF       FF         Number of clopisy of the display       FF       FF         Number of plays-seles/blue-scales of display       BF       FF         Number of plays-seles/blue-scales of display       BF       7         Number of plays-shorted       BF       7         Number of plays-shorted       BF       9         Number of plays-shorted       BF       9         With unancik skyboard       BF       9         With alpha numeric keyboard       BF       9         Number of system buttons       BF       9         Number of system buttons       BF       9         Number of system buttons       BF       2         Number of system buttons       BF       2         Number of system buttons       BF       2         With message indication       BF       2         With message system finct- buffer and confirmation)       BF       2         Process default value (input) possible       BF       2         With printer output       BF       2       2         Number of playsed play (see System (inct. buffer and confirmation)       BF       2       2	Radio standard GSM		No
Type of display         FT           With cloud display         1         14         18	Radio standard UMTS		No
With colour display         Image: Colours of the display         For 77.216           Number of prey-scales/fibe-scales of display         inchange of grey-scales/fibe-scales of display         inchange of grey-scales of grey	10 link master		No
Number of colours of the display         5         1677216           Number of prey-scales/blue-scales of display         6         1         0           Screen diagonal         1         1         1           Number of pixels, horizontal         2         12         124           Number of pixels, vertical         2         1         2           Useful project manory/user memory         2         8         12           With number 6 keybaard         6         1         0           With number of buttons, programmable         6         0         0           Number of buttons, programmable         6         1         0           Number of buttons with LEO         2         0         0           Number of buttons with LEO         6         0         0           Number of buttons with LEO         6         0         0           With message sindication         6         0         0           With message system (incl. buffer and confirmation)         6         0         0           With message system (incl. buffer and confirmation)         6         0         0           With message system (incl. buffer and confirmation)         6         0         0           With p	Type of display		TFT
Number of prey-seles/blue-seles of display         In the properties of press, betrieved and and all and pieck, writing and pieck, wr	With colour display		Yes
Screen diagonal         inch         7           Number of pixels, horizontal         10.24         10.24           Number of pixels, vertical         6         10.94         10.04           Useful project memory (user memory         6         10.94         10.04           With alpha mumeric keyboard         6         10.09         10.00           Number of function buttons, programmable         6         10.00         10.00           Number of system buttons         6         10.00         10.00           Number of system buttons         6         10.00         10.00           With message indication         6         10.00         10.00           With message system (incl. buffer and confirmation)         6         10.00         10.00           With message system (incl. buffer and confirmation)         6         10.00         10.00           With message system (incl. buffer and confirmation)         6         10.00         10.00           With message system (incl. buffer and confirmation)         6         10.00         10.00           With message system (incl. buffer and confirmation)         10.00         10.00         10.00           With message system (incl. buffer and confirmation)         10.00         10.00         10.00	Number of colours of the display		16777.216
Number of pixels, horizontal         1024           Number of pixels, vertical         600           Useful project memory/user memory         512           With unneric keyboard         No           With alpha numeric keyboard         9           With alpha numeric keyboard         9           Number of tuttons virb LED         0           Number of buttons yeight LED         10           Number of system buttons         10           Touch technology         2           With message indication         8           With message system (incl. buffer and confirmation)         9           With printer output         9	Number of grey-scales/blue-scales of display		0
Number of pixels, vertical         KBy tell project memory/user memory         KBy tell project memory         KBy tell	Screen diagonal	inch	7
Useful project memory/user memory         kByte         512           With numeric keyboard         No         No           With alpha numeric keyboard         No         No           Number of function buttons, programmable         Po         0           Number of system buttons         1         1           Touch tochnology         Capacitive multitouch         Capacitive multitouch           With message indication         Yes         Yes           With message system (incl. buffer and confirmation)         Yes         Yes           Process value representation (output) possible         Yes         Yes           With printer output         Yes         Yes           With printer output         Yes         Yes           Number of online languages         Yes         Yes           Additional software components, loadable         Yes         Yes           Degree of protection (IP), front side         Yes         Yes           Degree of protection (NEMA), front side         Yes         Yes           Degree of protection (IP), front side         Yes         Yes           Degree of protection (NEMA), front side         Yes         Yes           Wall mounting/direct mounting         Yes         Yes           Wall mou	Number of pixels, horizontal		1.024
With numeric keyboard         No           With alpha numeric keyboard         0           Number of function buttons, programmable         0           Number of buttons with LED         0           Number of system buttons         6           Touch technology         Capacitive multitouch           With message indication         Yes           With message system (incl. buffer and confirmation)         Yes           Process value representation (butput) possible         Yes           Process default value (input) possible         Yes           With recipes         Yes           Number of password levels         Yes           Number of password levels         Yes           Number of online languages         100           Additional software components, loadable         Yes           Degree of protection (IP), front side         Yes           Degree of protection (NEMA), front side         Yes           Rail mounting/direct mounting         Yes           Will mounting/direct mounting         Yes           Suitable for sefety functions         Yes           Will mounting/direct mounting         Yes           Will mounting/direct mounting         Yes           No         Yes           No         <	Number of pixels, vertical		600
With alpha numeric keyboard	Useful project memory/user memory	kByte	512
Number of function buttons, programmable         6           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         Yes           Number of online languages         200           Additional software components, loadable         200           Upgree of protection (IPI), front side         108           Degree of protection (IPI), front side         186           Degree of protection (NEMA), front side         186           Degree of protection (NEMA), front side         18           Degree of protection (NEMA), front side         10           Operation temperature         6           Rail mounting/direct mounting         No           Suitable for safety functions         No           With of the front         mm           Height of the front         mm           196	With numeric keyboard		No
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         Yes           Number of online languages         100           Additional software components, loadable         Yes           Degree of protection (IP), front side         12           Degree of protection (NEMA), front side         12           Operation temperature         °C         0 - 50           Rail mounting/direct mounting         No           Suitable for safety functions         No           Width of the front         mm         196           Height of the front         mm         196	With alpha numeric keyboard		No
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         Yes           With printer output         Yes           Number of online languages         100           Additional software components, loadable         Yes           Degree of protection (IP), front side         12           Degree of protection (NEMA), front side         12           Operation temperature         *C         0 - 50           Rail mounting possible         No           Wall mounting/direct mounting         No           Suitable for safety functions         No           Width of the front         mm         196           Height of the front         mm         196	Number of function buttons, programmable		0
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 (IVEMA), front side  Degree of protection (NEMA), front side  Degree of protection (NEMA), front side  Degree of protection temperature  Rail mounting/direct mounting  Suitable for safety functions  With of the front  Height of the front  Height of the front  With message indication  Yes  Ves  Ves  Ves  100	Number of buttons with LED		0
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 (IEMA), front side         12           Operation temperature         °C         0 - 50           Rail mounting possible         No           Wall amounting/direct mounting         No           Suitable for safety functions         No           Width of the front         mm         196           Height of the front         mm         196	Number of system buttons		1
With message system (incl. buffer and confirmation) Process value representation (output) possible Process default value (input) possible With recipes With recipes Number of password levels Number of password levels With printer output Number of online languages Negree of protection (IP), front side Degree of protection (IP), front side Degree of protection (NEMA), front side No Degration temperature Rail mounting possible No Wall mounting/direct mounting Suitable for safety functions Width of the front Height of the front Mmm 196 Height of the front Mm 195			
Process value representation (output) possible Process default value (input) possible With recipes With recipes Ves Number of password levels Vith printer output With printer output Number of online languages Number of online languages Negree of protection (IP), front side Degree of protection (NEMA), front side Degree of protection (NEMA), front side Noperation temperature Rail mounting possible Wall mounting/direct mounting Suitable for safety functions Width of the front Height of the front Midth of	louch technology		Capacitive multitouch
Process default value (input) possible  With recipes  Number of password levels  With printer output  With printer output  Number of online languages  Additional software components, loadable  Degree of protection (IP), front side  Degree of protection (NEMA), front side  Degree of protection (NEMA), front side  Pres  12  Operation temperature  Pres  0 - 50  Rail mounting possible  Wall mounting/direct mounting  With printer output  No  With printer output  No  With printer output  With printer output  No  With printer output  No  With printer output  Mm 196  Height of the front  Mind 135			<u> </u>
With recipes Number of password levels With printer output With printer output Ves Number of online languages Number of online languages Additional software components, loadable Degree of protection (IP), front side Degree of protection (NEMA), front side Degree of protection (NEMA), front side  Coperation temperature Coperation temperature No Wall mounting possible Wall mounting/direct mounting Suitable for safety functions Width of the front Midth of the front Mi	With message indication		Yes
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  Degree of protection (NEMA), front side  Operation temperature  C 0 - 50  Rail mounting possible  Wall mounting/direct mounting  Suitable for safety functions  Width of the front  Midth of the front  Midth of the front  Minumer of password levels  Yes  100  Ves  12  0 - 50  No  No  No  Suitable for safety functions  Midth of the front  Midth of t	With message indication With message system (incl. buffer and confirmation)		Yes Yes
With printer output  Number of online languages  Additional software components, loadable  Degree of protection (IP), front side  Degree of protection (NEMA), front side  12  Operation temperature  °C  0 - 50  Rail mounting possible  Wall mounting/direct mounting  Suitable for safety functions  Width of the front  Height of the front  Mo  Yes  100  100  No  12  0 - 50  No  No  No  No  No  Width of the front  mm  196  Height of the front  mm  135	With message indication With message system (incl. buffer and confirmation) Process value representation (output) possible		Yes Yes Yes
Number of online languages Additional software components, loadable Pegree of protection (IP), front side Pegree of protection (NEMA), front side Pegree of protection	With message indication  With message system (incl. buffer and confirmation)  Process value representation (output) possible  Process default value (input) possible		Yes Yes Yes Yes
Additional software components, loadable  Degree of protection (IP), front side  Degree of protection (NEMA), front side  12  Operation temperature  °C 0 - 50  Rail mounting possible  Wall mounting/direct mounting  Suitable for safety functions  Width of the front  Height of the front  Ne  Yes  IP65  12  0 - 50  No  No  No  No  No  No  Hight of the front  mm 196  mm 135	With message indication With message system (incl. buffer and confirmation) Process value representation (output) possible Process default value (input) possible With recipes		Yes Yes Yes Yes Yes Yes
Degree of protection (IP), front side  Degree of protection (NEMA), front side  12  Operation temperature  CC 0 - 50  Rail mounting possible  Wall mounting/direct mounting  Suitable for safety functions  Width of the front  Meight of the front  IP65  12  No  No  No  No  No  Width of the front  mm 196  Height of the front  mm 135	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		Yes Yes Yes Yes Yes 200
Degree of protection (NEMA), front side  12  Operation temperature  PC 0 - 50  Rail mounting possible  Wall mounting/direct mounting  Suitable for safety functions  Width of the front  Meight of the front  Meight of the front  Meight of the front  No  135	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		Yes Yes Yes Yes Yes Yes Yes Yes Yes 200 Yes
Operation temperature       °C       0 - 50         Rail mounting possible       No         Wall mounting/direct mounting       No         Suitable for safety functions       No         Width of the front       mm       196         Height of the front       mm       135	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		Yes Yes Yes Yes Yes Yes Yes 100
Rail mounting possible  Wall mounting/direct mounting  Suitable for safety functions  No  Width of the front  Mm  196  Height of the front  mm  135	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		Yes Yes Yes Yes Yes Yes 200 Yes 100 Yes
Wall mounting/direct mounting  No Suitable for safety functions  No Width of the front  mm 196  Height of the front  mm 135	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		Yes Yes Yes Yes Yes Yes Yes 100 Yes 1P65
Suitable for safety functions No Width of the front mm 196 Height of the front mm 135	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	Yes Yes Yes Yes Yes Yes 200 Yes 100 Yes 1P65
Width of the front mm 196 Height of the front mm 135	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	Yes Yes Yes Yes Yes Yes Yes 200 Yes 100 Yes 112 0 - 50
Height of the front mm 135	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	Yes Yes Yes Yes Yes Yes 200 Yes 100 Yes 12 0 - 50 No
	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	°C	Yes Yes Yes Yes Yes Yes 200 Yes 100 Yes 100 Yes IP65 12 0 - 50 No
Built-in depth mm 43.1	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		Yes Yes Yes Yes Yes Yes 200 Yes 100 Yes 100 No No
	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	Yes Yes Yes Yes Yes Yes 200 Yes 100 Yes 100 Yos IP65 12 0 - 50 No No No No

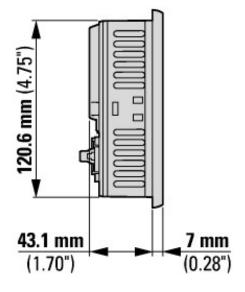
## Approvals

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

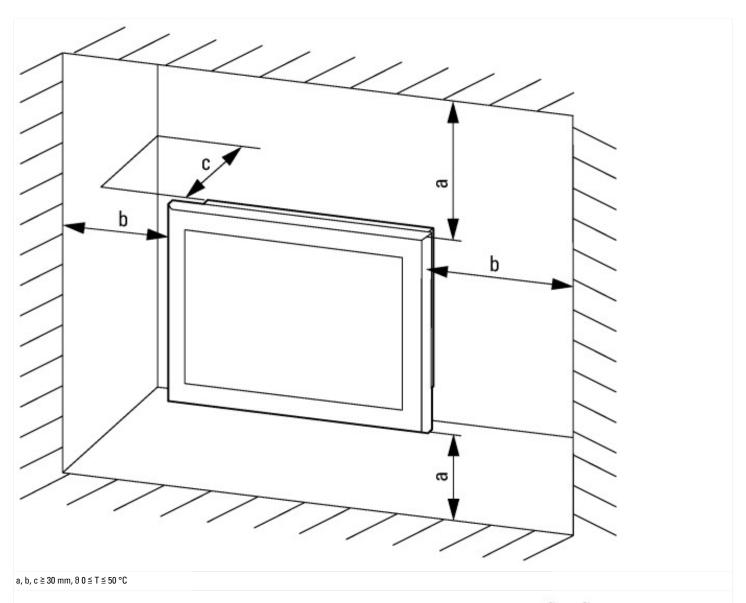
### **Dimensions**

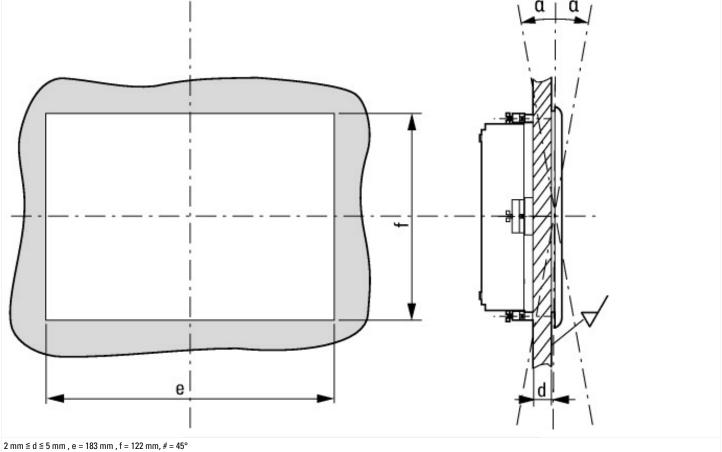






XV-303-... multi-touch panel with 7" screen diagonal; version: flush mounting





#### **Additional product information (links)** Instruction leaflet XV-303-... IL048009ZU Instruction leaflet XV-303-... IL048009ZU https://es-assets.eaton.com/DOCUMENTATION/AWA\_INSTRUCTIONS/IL048009ZU.pdf https://es-assets.eaton.com/DOCUMENTATION/AWA\_INSTRUCTIONS/IL048009ZU2018\_06.pdf Instruction leaflet XV-303-... IL048009ZU Manual multi-touchpanel XV300 MN048017 Handbuch Multi-Touch-Panel XV300 MN048017 https://es-assets.eaton.com/DOCUMENTATION/AWB\_MANUALS/MN048017\_DE.pdf - Deutsch https://es-assets.eaton.com/DOCUMENTATION/AWB\_MANUALS/MN048017\_EN.pdf Manual multi-touchpanel XV300 MN048017 -English Communications manual MN048019ZU https://es-assets.eaton.com/DOCUMENTATION/AWB\_MANUALS/MN048019ZU\_DE.pdf Kommunikationshandbuch MN048019ZU -Deutsch Communications manual MN048019ZU $https://es-assets.eaton.com/DOCUMENTATION/AWB\_MANUALS/MN048019ZU\_EN.pdf$ English f1=1454&f2=1242&f3=1773;Download Software http://applications.eaton.eu/sdlc?LX=11&amp **GALILEO**

http://www.eaton.eu/XV300

Product overview (WEB)