

User interface with PLC, 24 VDC, 15.6" PCT widescreen display, 1366x768 pixels, 2xEthernet, 1xRS232, 1xRS485, 1xCAN, 1xSD card slot, VisualDesigner



Part no. XV-303-15-C00-A00-1E

Catalog No. 191078

Eaton Catalog No. XV-303-15-C00-A00-1E

Similar to illustration

	XV300 15.6"
	XV-303
	HMIC-PLC (PLC integrated)
	Control panel with 2nd Ethernet port Software (Engineering): visualization = Visual Designer
	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
	Color display, TFT, anti-glare
	Capacitive multi-touch technology (PCT)
	16777216 (Color depth 24 bit)
Pixel	WXGA 1366 x 768
	yes
Inch	15.6 widescreen
	Glass panel in aluminum bezel with die-cast aluminum enclosure and plastic enclosure
	Windows Embedded Compact 7 Pro
	PLC licence inclusive
	Not required
	2 x Ethernet 10/100 Mbps 1 x RS232 1 x RS485 1 x CANopen®/easyNet 1 x USB host 2.0 1 x USB device
	Non-reflective tempered glass in aluminum frame
	Flush mounting
	for SD card: 1
	Optionally with SD card -> article no. 181638
	no
	Multi terreli terreli menel
	Multi-touch touch panel

#### Technical data Display

Display - Type			Color display, TFT, anti-glare
Screen diagonal			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]	o (Degrees)	85°/85°/80°/80° )
Number of colours			16777216 (Color depth 24 bit)

Brightness         Committed         <	Contrast ratio (Normally)			Normally 500:1
Back-lighting         Command of the Selection of Selection of Selection Selection of Selection Selectio	Brightness		cd/m <sup>2</sup>	Normally 300
Service life of bask-loying	Back-lighting			LED
Period				
Propector Capacitor Cap			h	Normally 50000
Multi-rough samper   Multi-r				
System         Nome of the processor         NAM Core x 45 800 Mer           Internal memory         DRAM 512 MB EAM FRAM TIGHT SLC           Cooling         NAM 102 MI SLE MEMORY           Backup of resal-time clack         See 15 MB SAM Type: SINSC, SINCE           Backup of resal-time clack         See 15 MB SAM Type: SINSC, SINCE           Backup (free at zero voltage)         See 15 MB SAM Type: SINSC, SINCE           Operating system         See 15 MB SAM Type: SINSC, SINCE           Engineering         Windows Emandaded Compact 7 Pro           Engineering         Windows Emandaded Compact 7 Pro           PLC-Pagnaming software         VISIAL DESINSER           Target and work visualization         VISIAL DESINSER           Interfaces         VISIAL DESINSER           Interface				
Pacesars Internal memory  Element Immory  Element Immory  Element Immory  Element Immory  Cooling  Element Immory  Element Imm				Multi-touch touch panel
Internal memory  Estarnal memory  Cooling  Estarnal memory  Cooling  Back-up frame identication  Back-up frame at zero voltage)  Operating system  Performance  Teginaering  PLC-Programming software  PLC-Rennec  Interfaces  Interfa				ARM Cortex-A9 800 MHz
External memonary  Cooling  Cooling  Reak-ty op frash-films ECCC  Battery (service life) Backup (presh direct clock  Battery (service life) Backup (presh direct clock)  Persisting system cooling, natural convection-based passive cooling, natural convection-based passive cooling, natural convection-based passive cooling and system cooling				
Parlism Cooking   Parlism Cook   Parlism Cooking Parlism Coo	incomunity			Flash: 1GB SLC
Back-up of real-time clock Battery (service life) Back-up (service l	External memory			SD card, Type: SDSC, SDHC
Battery (service life) Backup (time at zero voltage) Operating system  Figure of the programming software Vasialisation	Cooling			Fanless CPU and system cooling, natural convection-based passive cooling
Backup time at zero voltage)         Windows Embodded Compact 7 Pro           Operating system         Windows Embodded Compact 7 Pro           Engineering         Visual lastion ontware         VISUAL DESIGNER           Visual lastion ontware         XSOFT-CODESYS-2- XSOFT-CODESYS-3	Back-up of real-time clock			
Departury system	Battery (service life)			Zero maintenance
Engineering         VISUAL DESIGNER           Visualisation software         XSDFT-CODESYS           PLC-Programming software         XSDFT-CODESYS-2           Target and web visualization         Ves           Target and web visualization           Uniterfaces.           Uniterfaces           PLC-licence           PLC-licence           PLC-licence         2         2 x Ethernet 10/100 Mbps           1 x RSMap miles how zo         1 x RSMap miles how zo           PLC-licence         2 x Ethernet 10/100 Mbps           USB Host         1 x RSMap miles how zo           USB Host         USB Local Colspan="2">USB Local Colspan="2"	Backup (time at zero voltage)			Normally 10 years
Visual Lacid considered         Value Lacid Concess's XSOFT-CODES'S XSOFT-CODES'X XSOFT-CODES'S XSOFT-CODES'X XSOFT-CODES'XSOFT-CODES'X XSOFT-CODES'X XSOFT-CODES'X XSOFT-CODES'X XSOFT-CODES'X XSOFT-CODES'X XS	Operating system			Windows Embedded Compact 7 Pro
PLC-Programming software  PLC-Programming software  Target and web visualization  Interfaces, communication  Interfaces, communication  Interfaces  PLC-licence				
Target and web visualization				
Interfaces, communication  bull-in interfaces				
bulls in interfaces    Publication   Publica				Yes
Table   Tabl				
PLC-licence PLC-licence PLC-licence PLC-licence PLC-licence PLC-licence USB device SSB device USB device USB device USB device RS-232 RS-485 RS-485 RS-485 RS-485 RS-486 RS-240 R	built-in interfaces			
Number   N				1 x RS485
PLC-licence  USB Host  USB Host  USB device  USB 20, not galvanically isolated  USB 22, not galvanically isolated  USB 232  RS-485  CAN  CAN  Slots  Ethernet  Powers supply  Nominal voltage  permissible voltage  Powers supply  Voltage dips				
USB device USB device USB device USB 2.0, not galvanically isolated USB 2.0, not galvanically isolated. 9-pin D-sub plug, UNC USB 2.0, not galvanically isolated, 9-pin D-sub plug, UNC USB 2.0, not galvanically isolated, 9-pin D-sub plug, UNC USB 2.0, not galvanically isolated, 9-pin D-sub plug, UNC USB 2.0, not galvanically isolated, 9-pin D-sub plug, UNC USB 2.0, not galvanically isolated, 9-pin D-sub plug, UNC USB 2.0, not galvanically isolated, 9-pin D-sub plug, UNC USB 2.0, not galvanically isolated, 9-pin D-sub plug, UNC USB 2.0, not galvanically isolated, 9-pin D-sub plug, UNC USB 2.0, not galvanically isolated, 9-pin D-sub plug, UNC USB 2.0, not galvanically isolated, 9-pin D-sub plug, UNC USB 2.0, not galvanically isolated, 9-pin D-sub plug, UNC USB 2.0, not galvanically isolated, 9-pin D-sub plug, UNC USB 2.0, not galvanically isolated, 9-pin D-sub plug, UNC USB 2.0, not galvanically isolated, 9-pin D-sub plug, UNC USB 2.0, not galvanically isolated, 9-pin D-sub plug, UNC USB 2.0, not galvanically isolated 4.2 Sub plug, UNC USB 2.0, not galvanically isolated 4.0, pin D-sub plug, UNC USB 2.0, not galvanically isolated 4.0, pin D-sub plug, UNC USB 2.0, not galvanically isolated 4.0, pin D-sub plug, UNC USB 2.0, not galvanically isolated 4.0, pin D-sub plug, UNC USB 2.0, not galvanically isolated 4.0, pin D-sub plug, UNC USB 2.0, not galvanically isolated 4.0, pin D-sub plug, UNC USB 2.0, not galvanically isolated 4.0, pin D-sub plug, UNC USB 2.0, not galvanically isolated 4.0, pin D-sub plug, UNC USB 2.0, not galvanically isolated 4.0, pin D-sub plug, UNC USB 2.0, not galvanically isolated, 9-pin D-sub plug, UNC USB 2.0, not galvanically isolated, 9-pin D-sub p				1 x USB device
USB device  RS-232  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  Not SD card: 1  10/100 Mbps  Power supply  Power supply  Nominal voltage  Effective: 192-30.0 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 autonion of 100 ms.  So V DC for autonion of 100 ms.  S	PLC-licence			PLC licence inclusive
RS-232 RS-485 RS	USB Host			USB 2.0, not galvanically isolated
RS-485 CAN CAN Slots Ethernet Power supply Nominal voltage permissible voltage Power consumption Power consumption Power consumption Note on heat dissipation with power consumption for 24 V 19.1 W for basic device + 2.5 W for USB module  Yes (fuse not accessible) Note on heat dissipation Note on heat dissipation Note on heat dissipation with power consumption for 24 V 19.1 W for basic device + 2.5 W for USB module Note on heat dissipation Note on heat dissipation with power consumption of 24 V 19.1 W for basic device + 2.5 W for USB module Note on heat dissipation Note on heat dissipation with power consumption of 24 V 19.1 W for basic de	USB device			USB 2.0, not galvanically isolated
CAN Slots for SD card: 1 Ethernet for SD card (SD card) SD card (SD card) Ethernet for SD card (SD card) SD card (SD card) Ethernet for SD card (SD ca	RS-232			Not galvanically isolated, 9-pin D-sub plug, UNC
Slots Ethernet Power supply Nominal voltage permissible voltage  Voltage dips  Power consumption Power consumption Power consumption Power consumption Power dissipation Note on heat dissipation Siemens MPI, (optional) Type of fuse Potential isolation  Ceneral  Housing material  For SD card: 1 10/100 Mbps  10/100 Mbps  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: 18,0-3,2 V DC Battery powered: 18,0-31,2 V DC Battery powered: 18,0-31,2 V DC Battery powered: 18,0-31,2 V DC Battery powered: 18	RS-485			Not galvanically isolated, 9-pin D-sub plug, UNC
Ethernet  Power supply  Nominal voltage permissible voltage  Voltage dips  Voltage dips  Power consumption  Power consumption  Power consumption  Heat dissipation  Note on heat dissipation  Siemens MPI, (optional)  Siemens MPI, (optional)  Potential isolation  General  Housing material  Note on heat dissipation  Audition Audition  Audition Audition  Audition Audition  Audition Audition  Power consumption  Power consumption  Power consumption  Audition Audition  Aluminium die-cast (glass panel) Insulated material black	CAN			Not galvanically isolated, 9-pin D-sub plug, UNC
Power supply  Nominal voltage permissible voltage  Power consumption  Power consumption  Power consumption  Heat dissipation  Note on heat dissipation  Siemens MPI, (optional)  Type of fuse Potential isolation  General  Housing material  Aluminium die-cast (glass panel) Insulated material black  Pass L V D C 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 (rated operating voltage -25%/+30%)  Seffective: 19,2-30,0 V DC (rated operating voltage -25%/+30%)  Seffective: 19,2-30,0 V DC (rated operating voltage -25%/+30%)  Seffective: 19,2-30,0 V DC (rated operating voltage -25%/+30%)  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of < 100 ms  So V DC for a duration of voltage of the form of the first of the first of the form of the first of	Slots			for SD card: 1
Nominal voltage permissible voltage  permissible voltage  Power consumption  Heat dissipation  Note on heat dissipation  Note on heat dissipation  Type of fuse  Potential isolation  Potential isolation  Potential isolation  Power consumption  Power consumption for 24 V  19.1 W for basic device + 2.5 W for USB module  Power (fuse not accessible)  no  Power consumption  Pow				10/100 Mbps
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  Pmax. W 21.6  W Normally 16  Heat dissipation  Note on heat dissipation  W 21.6  Note on heat dissipation with power consumption for 24 V 19.1 W for basic device + 2.5 W for USB module  Siemens MPI, (optional)  Type of fuse  Potential isolation  General  Housing material  Aluminium die-cast (glass panel) Insulated material black				
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  Pmax. W 21.6  Power consumption  W Normally 16  Heat dissipation  Note on heat dissipation  W 21.6  Note on heat dissipation  W 21.6  Heat dissipation with power consumption for 24 V 19.1 W for basic device + 2.5 W for USB module  Siemens MPI, (optional)  Yes  Type of fuse  Potential isolation  General  Housing material  Aluminium die-cast (glass panel) Insulated material black				
Fower consumption Power consumption Power consumption Power consumption W Normally 16 Heat dissipation W 21.6 Note on heat dissipation W 21.6 Note on heat dissipation W 19.1 W for basic device + 2.5 W for USB module Yes Type of fuse Potential isolation  General Housing material Aluminium die-cast (glass panel) Insulated material black	permissible voltage			Absolute with ripple: 18,0-31,2 V DC Battery powered: 18,0-31,2 V DC (rated operating voltage -25%/+30%)
Power consumption  W Normally 16  Heat dissipation  Note on heat dissipation  Wighter 21.6  Heat dissipation with power consumption for 24 V 19.1 W for basic device + 2.5 W for USB module  Siemens MPI, (optional)  Type of fuse  Potential isolation  General  Housing material  W Normally 16  W 21.6  Heat dissipation with power consumption for 24 V 19.1 W for basic device + 2.5 W for USB module  yes  Yes (fuse not accessible)  no  General  Aluminium die-cast (glass panel)  Insulated material black	Voltage dips		ms	
Heat dissipation  Note on heat dissipation  W 21.6  Heat dissipation with power consumption for 24 V 19.1 W for basic device + 2.5 W for USB module  Siemens MPI, (optional)  Type of fuse  Potential isolation  General  Housing material  Aluminium die-cast (glass panel) Insulated material black	Power consumption	P <sub>max</sub> .	W	21.6
Note on heat dissipation  Heat dissipation with power consumption for 24 V 19.1 W for basic device + 2.5 W for USB module  Siemens MPI, (optional)  yes  Type of fuse  Yes (fuse not accessible)  no  General  Housing material  Aluminium die-cast (glass panel) Insulated material black	Power consumption		W	Normally 16
Siemens MPI, (optional)  Type of fuse  Potential isolation  General  Housing material  19.1 W for basic device + 2.5 W for USB module  yes  Yes (fuse not accessible)  no  Aluminium die-cast (glass panel) Insulated material black	Heat dissipation		W	21.6
Type of fuse  Yes (fuse not accessible)  Potential isolation  General  Housing material  Aluminium die-cast (glass panel) Insulated material black	Note on heat dissipation			
Type of fuse  Yes (fuse not accessible)  Potential isolation  General  Housing material  Aluminium die-cast (glass panel) Insulated material black	Siemens MPI, (optional)			yes
Potential isolation  General  Housing material  Aluminium die-cast (glass panel) Insulated material black				
General Housing material Aluminium die-cast (glass panel) Insulated material black	**			
Insulated material black				
Front type Non-reflective tempered glass in aluminum frame	Housing material			
	Front type			Non-reflective tempered glass in aluminum frame
Dimensions (W x H x D) mm 404 x 255 x 53	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") Mounting plate: min. 1.5 mm (0.06"), max. 4 mm				Mounting plate: min. 1.5 mm (0.06"), max. 4 mm
Inclination from vertical: $\alpha \stackrel{ ext{$\leq$}}{=} \pm 10^{\circ}$ (if using natural convection)				Inclination from vertical: $\alpha \leq \pm 10^{\circ}$ (if using natural convection)

			Inclination from vertical: $\alpha \stackrel{\textstyle \leq}{=} \pm 45^\circ$ at operating temperature $\stackrel{\textstyle \leq}{=} 45^\circ$ C (113°F) (if using natural convection)
Weight		kg	3.9
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			CE; pending: 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
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
Environmental conditions			
Temperature			
Operation	9	°C	0 - +50

remperature			
Operation	8	°C	0 - +50
Storage / Transport	9	°C	-20 - +60
Operating ambient temperature max.		°C	0
Operating ambient temperature max.		°C	+ 50
Relative humidity			
Condensation			Non-condensing
Relative humidity			10 - 95%, non-condensing

# Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	0
Heat dissipation per pole, current-dependent	P <sub>vid</sub>	W	0
Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	0
Static heat dissipation, non-current-dependent	$P_{vs}$	W	21.6
Heat dissipation capacity	P <sub>diss</sub>	W	0
Operating ambient temperature max.		°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)
IEC/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 6.0**

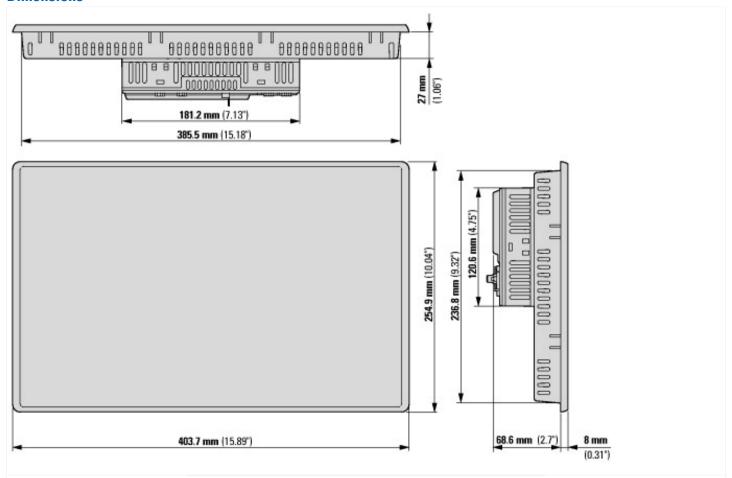
PLC's (EG000024) / Graphic panel (EC001412)			
Electric engineering, automation, process control engineering / Control / Operate and Observe (HMI) / Graphic panel (HMI) (ecl@ss8.1-27-24-23-02 [BAA722010])			
Supply voltage AC 50 Hz	V	0 - 0	
Supply voltage AC 60 Hz	V	0 - 0	
Supply voltage DC	V	19.2 - 30	
Voltage type of supply voltage		DC	
Number of HW-interfaces industrial Ethernet		2	
Number of HW-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
Radio standard Bluetooth			No
Radio standard WLAN 802.11			No
Radio standard GPRS			No
Radio standard GSM			No
Radio standard UMTS			No
10 link master			No
Type of display			TFT
With colour display			Yes
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	Byte	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
With touch screen			Yes
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
Printer output available			Yes
Number of online languages			100
Additional software components, loadable			Yes
Degree of protection (IP), front side			IP65
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	nm	404
Height of the front	n	nm	255
Built-in depth	n	nm	75.5

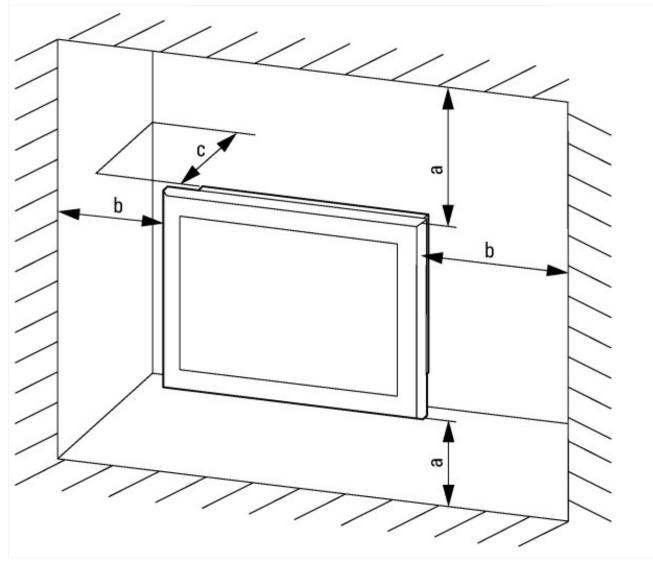
# Approvals

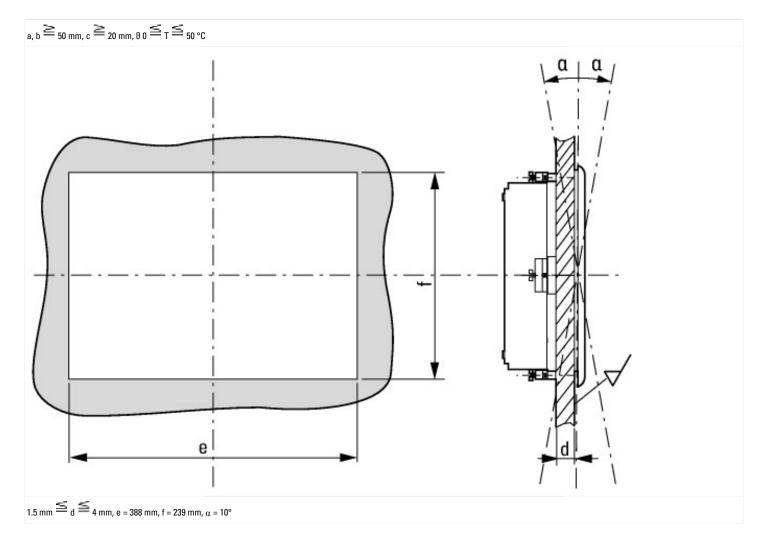
North America Certification	Request filed for UL
Specially designed for North America	No
Current Limiting Circuit-Breaker	No
Degree of Protection	IEC: IP65, NA: NEMA4X, NEMA12

### **Dimensions**



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





## **Additional product information (links)**

riadinonal product initial	Tautional product in contact (inito)				
Instruction leaflet XV-303 IL048009ZU					
Instruction leaflet XV-303 IL048009ZU	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL048009ZU.pdf				
MN048017 XV300 Multi-Touch Panel Manual					
MN048017 Handbuch Multi-Touchpanel XV300 - Deutsch	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN048017_DE.pdf				
MN048017 XV300 Multi-Touch Panel Manual - English	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN048017_EN.pdf				
MN048019ZU Communications Manual					
MN048019ZU Communications Manual - English	ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN048019ZU_EN.pdf				