

DATASHEET - XV100-BOX-E4-UC1



Starter package consisting of EASY-E4-UC-12RC1, XV-102-A0-35TQRB-1E4, Ethernet switch, 3xPatch cable, license easySoft 7

**Part no. XV100-BOX-E4-UC1
198515**

General specifications		
Product name		Eaton XV-100 Touch panel
Part no.		XV100-BOX-E4-UC1
EAN		4015081963645
Product Length/Depth		300 millimetre
Product height		200 millimetre
Product width		200 millimetre
Product weight		0.9 kilogram
Compliances		Eaton supports the product until its end of life
Certifications		EN 55011 CE marking CSA-C22.2 No. 60950-1 IEC 60068-2-6 IEC 60068-2-27 IEC/EN 61131-2 IEC/EN 61000-4-2 UL 60950-01 EN 55022 IEC/EN 61000-4 UL File No.: E208621 Certified by UL for use in Canada UL Recognized
Product Tradename		XV-100
Product Type		Touch panel
Product Sub Type		None
Features & Functions		
Features		Expandable
Fitted with:		Monitor Other components Programming software Visualization Control unit Connection cable Basic device Display Relay output Timer
General information		
Insulation resistance		According to EN 50178
Mounting method		Front build in possible Wall mounting/direct mounting Rail mounting possible Screw fixing using fixing brackets ZB4-101-GF1 (accessories) Top-hat rail fixing (according to IEC/EN 60715, 35 mm)
Overvoltage category		III
Pollution degree		2
Type		Starter kit
Ambient conditions, mechanical		
Drop and topple		50 mm Drop height, Drop to IEC/EN 60068-2-31
Mounting position		Vertical Horizontal
Shock resistance		15 g, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 11 ms, 18 Impacts
Climatic environmental conditions		
Air pressure		795 - 1080 hPa (operation)
Environmental conditions		Clearance in air and creepage distances according to EN 50178, UL 508, CSA C22.2, No. 142 Condensation: prevent with appropriate measures
Relative humidity		5 - 95 % (IEC 60068-2-30, IEC 60068-2-78)

Electro magnetic compatibility		
Air discharge		8 kV
Contact discharge		6 kV, Electrostatic discharge (ESD)
Immunity to line-conducted interference		10 V (according to IEC/EN 61000-4-6)
Voltage dips		≤ 1 ms from rated voltage (12 V DC) ≤ 20 ms from rated voltage (24 V DC) ≤ 10 ms from rated voltage (24 V DC)
Input/Output		
Number of inputs (analog)		4 (I5, I6, I7, I8) 0
Number of outputs (digital)		4
Output		4 Relay Outputs
Design verification		
10.2.5 Lifting		Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions		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.
10.9.2 Power-frequency electric strength		Is the panel builder's responsibility.
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 9.0

Programmable logic controllers PLC (EG000024) / PLC device set (EC002581)		
Electric engineering, automation, process control engineering / Control, Process Control System (PCS) / Programmable logic control (SPS) / PLC device set (ecl@ss13-27-24-22-19 [BAA707018])		
Contains function building blocks		No
Contains basic device		Yes
Contains module rack		No
Contains power supply		No
Contains analogue input module		No
Contains analogue output module		No
Contains digital input module		No
Contains digital output module		No
Contains function module		No
Contains technology module		No
Contains communication module		No
Contains memory unit		No
Contains simulation module		No
Contains connection cable		Yes
Contains control unit		Yes
Contains monitor		Yes
Contains programming software		Yes
Contains engineering software		No
Contains visualization		Yes
Contains libraries		No
Contains documentation		No
Contains other components		Yes
Software preinstalled		No