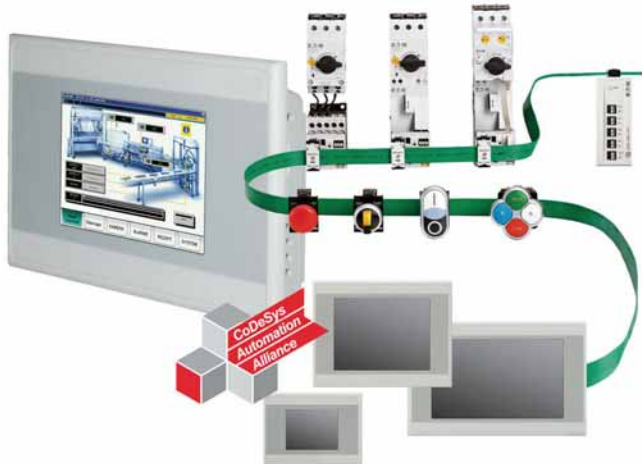


XV Series HMI-PLC



Contents

Description	Page
XV Series HMI-PLC	
Product Selection	V7-T4-62
Accessories	V7-T4-62

Product Description

The XV HMI-PLC is a powerful combination of logic and visualization based on the open CoDeSys programming platform. It is ideal for small to mid-range PLC applications where integrated logic and visualization is advantageous and/or where remote administration is critical.

The XV HMI-PLC is also available with an integrated SmartWire-DT™ master. This combination of visualization, control and SmartWire-DT connectivity is the ultimate lean automation solution.

Features

- Built-in SmartWire-DT master for 99 nodes
- Brilliant image display with 65,536 colors
- High resolution resistive touch TFT displays
- 3.5 in, 5.7 in or 7 in widescreen displays in a robust plastic housings and bezels, or
- 5.7 in, 8.4 in or 10.4 in displays in high-end aluminum front bezels and metal housings
- Ethernet on all models
- RS-232 or RS-485 serial ports available
- PROFIBUS-DP or CANopen master on all models larger than 3.5 in
- Programmable with IEC 61131-3 compliant XSoft-CoDeSys software
- Easy connection direct to motor control components or I/O modules on the SmartWire-DT flat cable

Standards and Certifications

- CE
- UL
- cUL
- RoHS



Catalog Number Selection

XV HMI-PLC

XV - 102 - E6 - 35TQRG - 10

Family
XV = Windows® CE operating system

Housing
102 = Plastic housing
152 = Metal housing

Features Base Unit Variant	Features Additional COMM Options
B = Retentive memory	6 = 1-CANopen
D = Retentive memory, USB host, RS-232	8 = 1-PROFIBUS-DP
E = SmartWire-DT, retentive memory, USB host, RS-232	E = SmartWire-DT

Display Size	Display Technology	OS Build
35 = 3.5 in	TQR = TFT (QVGA) resistive	C = XSoft-CoDeSys
57 = 5.7 in	TVR = TFT (VGA) resistive	
70 = 7.0 in	TWR = TFT (WGA) resistive	
84 = 8.4 in		
10 = 10.4 in		

Bezel
10 = Standard blank front bezel

Product Selection

XV HMI-PLC

XV HMI-PLC



4

Display Size/Type	Display Resolution	CoDeSys Firmware	Fieldbus Type	RS485	Ethernet	Catalog Number
Plastic Housing						
3.5 in TFT Resistive	QVGA 320x240	Y	CANopen	Y	Y	XV-102-B6-35TQRC-10
		Y	PROFIBUS-DP	Y	Y	XV-102-B8-35TQRC-10
5.7 in TFT Resistive	VGA 640x480	Y	CANopen	Y	Y	XV-102-D6-57TVRC-10
		Y	PROFIBUS-DP	Y	Y	XV-102-D8-57TVRC-10
7.0 in TFT Resistive	WGA 800x480	Y	CANopen	Y	Y	XV-102-D6-70TWRC-10
		Y	PROFIBUS-DP	Y	Y	XV-102-D8-70TWRC-10
Metal Housing						
5.7 in TFT Resistive	VGA 640x480	Y	CANopen	Y	Y	XV-152-D6-57TVRC-10
		Y	PROFIBUS-DP	Y	Y	XV-152-D8-57TVRC-10
8.4 in TFT Resistive	VGA 640x480	Y	CANopen	Y	Y	XV-152-D6-84TVRC-10
		Y	PROFIBUS-DP	Y	Y	XV-152-D8-84TVRC-10
10.4 in TFT Resistive	VGA 640x480	Y	CANopen	Y	Y	XV-152-D6-10TVRC-10
		Y	PROFIBUS-DP	Y	Y	XV-152-D8-10TVRC-10

XV HMI-PLC SmartWire-DT

Display Size/Type	Display Resolution	CoDeSys Firmware	Fieldbus Type	RS485	Ethernet	SmartWire-DT	Catalog Number
Plastic Housing							
3.5 in TFT	QVGA 320x240	Y	None	None	Y	Y	XV-102-BE-35TQRC-10
		Y	CANopen	Y	Y	Y	XV-102-E6-57TVRC-10
5.7 in TFT	VGA 640x480	Y	PROFIBUS-DP	Y	Y	Y	XV-102-E8-57TVRC-10
		Y	CANopen	Y	Y	Y	XV-102-E6-70TWRC-10
7.0 in TFT	WGA 800x480	Y	PROFIBUS-DP	Y	Y	Y	XV-102-E8-70TWRC-10
		Y	CANopen	Y	Y	Y	XV-152-E6-57TVRC-10
Metal Housing							
5.7 in TFT	VGA 640x480	Y	CANopen	Y	Y	Y	XV-152-E8-57TVRC-10
		Y	PROFIBUS-DP	Y	Y	Y	XV-152-E6-84TVRC-10
8.4 in TFT	VGA 640x480	Y	CANopen	Y	Y	Y	XV-152-E8-84TVRC-10
		Y	PROFIBUS-DP	Y	Y	Y	XV-152-E6-10TVRC-10
10.4 in TFT	VGA 640x480	Y	CANopen	Y	Y	Y	XV-152-E8-10TVRC-10
		Y	PROFIBUS-DP	Y	Y	Y	

Accessories

XV HMI-PLC Accessories

Description	Catalog Number
HMI-PLC programming software, single seat license	SW-XSOFT-CODESYS-2-S ①
HMI-PLC programming software, multiple seat license	SW-XSOFT-CODESYS-2-M ①
SD memory card	MEMORY-SD-A1-S
XV-102 parts kit (1 power conductor, 8 mounting brackets, 1 sealing strip, 1 touch pen)	ACC-TP-57-KG-1
XV-152 parts kit (1 power conductor, 8 mounting brackets, 1 sealing strip, 1 touch pen)	ACC-TP-10-12-RES-1

Note

① For details on SW-XSoft-CoDeSys software, see [Page V7-T4-38](#).