

COP 306c

The COP Series 300 combines state-of-the-art features and performance with an outstanding design. They are the ideal choice for HMI applications including factory and building automation. The COP 306c features a bright 5.7" TFT display with LED backlight and full vector graphic capabilities. Connections include Ethernet and USB. The COP 306c has been designed for cost-sensitive applications.



- 5.7" TFT color display, LED backlight
- 320x240 pixel (QGA) resolution, 64K colors
- Advanced vector graphics
- Resistive touchscreen
- 64 MB user memory
- 10/100 Ethernet interface
- USB interface
- Connection to bus systems using optional plug-in modules
- Slim design. Mounting depth less than 50mm

Highlights

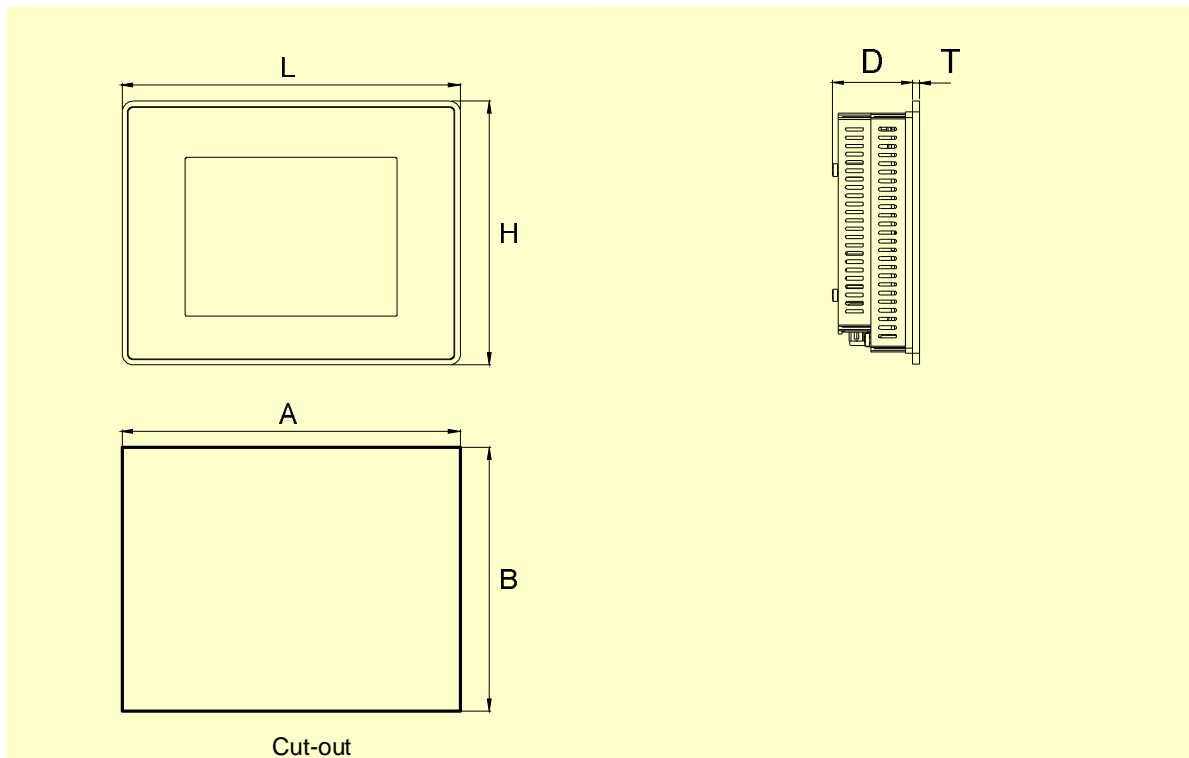
The COP Series 300 HMI panels are fully compatible with Designer 6 software.

- Powerful and intuitive programming with the Designer 6 software.
- Supports more than 150 communication drivers.
- Built-in Ethernet port for communication with devices, programming the HMI from Designer and retrieving data from computers.
- USB host port for the connection of flash drives. Flash drives can be used for upgrading applications and firmware.
- Optional plug-in modules for fieldbus systems and networks. Compatible with TCM and SCM modules.
- Dual-driver communication capability.
- Vector graphic capabilities including the support of multiple layers and object transparency.
- Data display in numerical, text, bargraph, analog gauges and graphic image formats. Dynamic object properties supported.
- Data acquisition and trend presentation. Trend data can be transferred to a host computer using the Ethernet connection.
- Recipe data storage. Recipe data can be transferred to a host computer using the Ethernet connection or copied to flash drives via USB connection.
- Multilanguage applications. Far East languages are supported. The number of runtime languages is limited only by the available memory. All text information in the application can be exported to files in Unicode format for easier translation.
- Powerful macro editor to configure touchscreen operation
- Alarms and historical alarm list. Alarm and event information can be printed or transferred to a host computer.
- Eight level password protection.
- Report printing to serial printer. Reports are freely configurable using Designer.
- Ethernet-based network to share data between HMIs and to serve data using OPC Server.

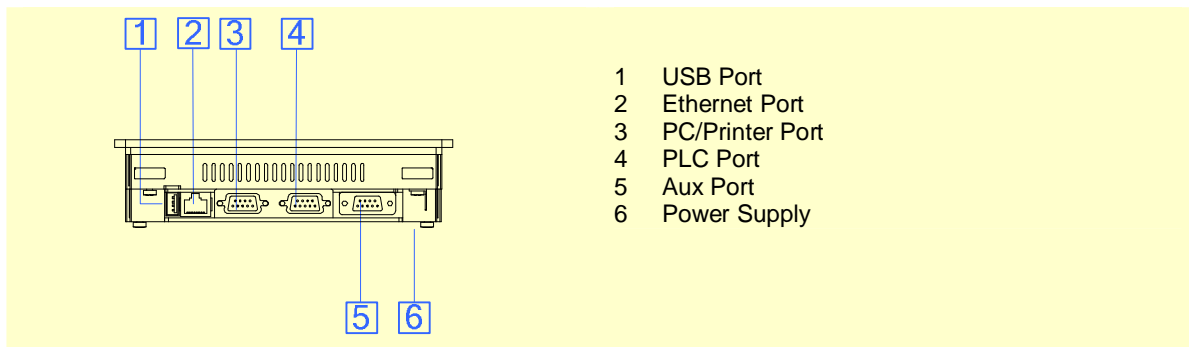
Technical Data

Display		Alarms	
Type	TFT	Event list	1024
Resolution	320x240, QVGA	Password	Yes
Active display area	5.7" diagonal	Hardware Real Time Clock	Yes, with battery back-up
Colors	64K	Screen saver	Yes
Backlight	LED	Buzzer	Yes, audible feedback for touchscreen
Brightness	130 Cd/m ² typ.		
Dimming	Yes		
Memory		Ratings	
User memory	64 MB internal Flash	Power supply voltage	24 V DC (18 to 30 Vdc)
Front panel		Current consumption	0.55 A at 24Vdc(max.)
Touchscreen	Analog resistive	Fuse	Automatic
User LED indicators	1	Weight	Approx 1.0 Kg
System LED indicators	4	Battery	Rechargeable Lithium battery, not user-replaceable
Interfaces		Environmental Conditions	
Ethernet port	10/100 Mbit	Operating temperature	0 to 50 °C
USB port	Host interface, version 1.1	Storage temperature	-20 to +70 °C
PC/Printer port	RS-232, RS-485, RS-422, software configurable	Operating and storage humidity	5 – 85 % relative humidity, non-condensing
PLC port	RS-232, RS-485, RS-422, software configurable	Protection class	IP65 (front panel) IP20 (rear)
Aux port	Yes, fieldbus and controller modules	Dimensions	
Functionality		Faceplate LxH	187x147 mm (7.36x5.79")
Vector graphics	Yes	Cutout AxB	176x136 mm (6.93x5.35")
Object dynamics (hide/show)	Yes	Depth D+T	45+4 mm (1.77+0.16")
TrueType fonts	Yes	Approvals	
Dual driver capability	Yes	CE	Emission
Video input	No		EN 61000-6-4
Data acquisition and trends	Yes		Immunity
Multilanguage	Yes, number of run-time languages limited only by available memory		EN 61000-6-2
Recipe memory	Yes. Flash memory storage limited only by available memory		for installation in industrial environments
UniNet network	Client/Server		

Dimensions



Connections



Ordering Information

COP 306c

5.6" TFT color touchscreen with Ethernet and USB interfaces.

cop0300

Ver. 1.1

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