DTP100

Color Touchscreen

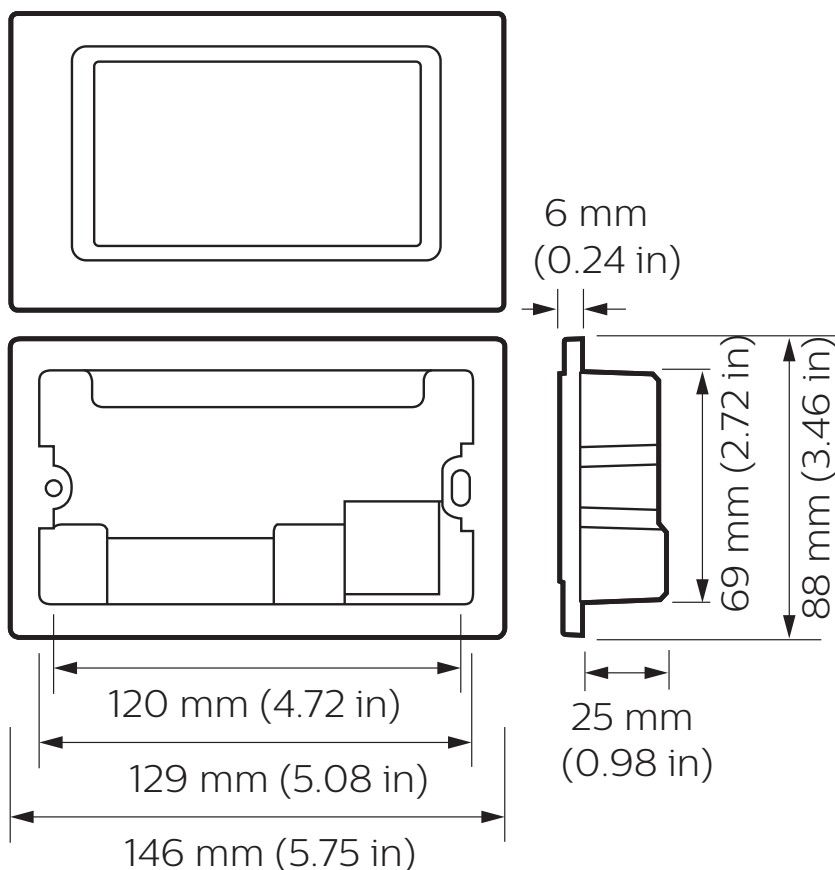## A feature-rich 4-inch color LCD touchscreen

A Philips Dynalite touchscreen adds a new dimension of control to any automation application. The DTP100 supports a range of features that provide end-users with the ultimate in automation system interaction. The screen can be customized to control all automation elements from one location. The device features a screen size of 56 x 95 mm (2.20 x 3.74 in).

DTP100
A feature-rich 4-inch color LCD touchscreen

- **Vivid graphics and sophisticated onscreen controls** – Objects such as logos, buttons, faders, floor plans and diagnostic icons can be placed on pages to perform simple or complex control functions.

- **Simple page creation** – Easy-to-use pages are created using Philips Dynalite's touchscreen editor and JavaScript is fully supported.

- **Windows operating system and full Internet connectivity** – Runs Windows CE with audio and video support.

- **Décor matching capability** – The innovative clip-on fascia can be matched with Revolution series user interfaces, or customized using practically any flat architectural medium.

Dimensions

6 mm (0.24 in)

69 mm (2.72 in)

88 mm (3.46 in)

120 mm (4.72 in)

129 mm (5.08 in)

146 mm (5.75 in)

25 mm (0.98 in)

Specifications

Due to continuous improvements and innovations, specifications may change without notice.

DTP100
Color Touchscreen

Electrical

Supply Type	DC
	(external PSU available from Philips Dynalite)
Supply Voltage	12–24 VDC
	SELV/Class 2
Supply Current	400 mA @ 12 VDC
	200 mA @ 24 VDC

Display

Screen Type	TFT LCD resistive touchscreen
Viewable Area	56 x 95 mm (2.20 x 3.74 in)
	Diagonal 109 mm (4.29 in)
Resolution	480 x 272
Screen Ratio	16:9
Color Depth	16-bit (65536 colors)
Contrast	300:1
Luminance	350 cd/m^2
Viewing angle	75° Horizontal
	75° V$_{top}$
	55° V$_{bottom}$

Communication

Serial Ports	1 x RS–485
	1 x Mini–B USB (programming port)
	1 x Mini–B USB (keyboard/mouse)
Supported Protocols	DyNet
User Inputs	1 x reset switch
Audio	1 x speaker
	1 x 3.5 mm stereo jack

Hardware

CPU	624 MHz Intel XScale PXA310
Flash Memory	512 MB
SDRAM	128 MB

OS & Software

Operating System	Windows CE 6.0
Browser	Internet Explorer 6

Physical

Dimensions (H x W x D)	88 x 146 x 31 mm (3.46 x 5.75 x 1.22 in)
Packed Weight (application module)	0.9 kg (1.98 lb)
Construction	Concealed fixings fascia
Serial Ports	2 x Mini–B USB
	1 x 5-way screw terminal
	+V, D–, D+, GND, SHLD
Serial Port Conductor Size	2.5 mm^2 (#12 AWG) (max)

Environment

Operating Temperature	–5° to 45°C ambient (23° to 113°F)
Storage/Transport Temperature	–25° to 70°C ambient (–13° to 158°F)
Humidity	0 to 90% non–condensing
IEC Pollution Degree	II

Compliance

Certification	CE, RCM, FCC, ICES, RoHS

Ordering Code

Product	Philips 12NC
DTP100 (w/ stainless steel fascia)	913703074509
DTP100-BG (w/ black glass fascia)	913703074609
DTP100-WG (w/ white glass fascia)	913703074709

Accessories	
DTP100-WALLBOX-RECESS-METAL	913703075309
DTP100-WALLBOX-SURFACEMOUNT	913703075909