TP42ET239052

Industrial automation components

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Manufacturer	Phoenix Contact
Catalog number	tp42et239052
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Display Size	30.7 cm (12.1 inches)
Display Resolution	800 x 600 pixels (SVGA)
Processor	32-bit RISC CPU (EP 7309)
RAM	512 kB
Flash Memory	7 MB
Serial Ports	2 (COM 1: TTY, RS-232c, RS-485; COM 2: RS-232c)
Operating Temperature	0°C to 50°C
IP Rating	IP65 (front), IP20 (back)
Dimensions	340 mm (W) x 270 mm (H) x 5 mm (D)

Description

The Phoenix Contact TP42ET/239052 is a 12.1-inch touch panel designed for industrial automation applications. Featuring a 30.7 cm (12.1-inch) TFT display with a resolution of 800 x 600 pixels (SVGA), it utilizes a resistive industrial touch screen for reliable input.

Powered by a 32-bit RISC CPU (EP 7309) and operating on a proprietary system, the panel includes 512 kB RAM and 7 MB flash memory for efficient performance. Connectivity options comprise two serial interfaces: COM 1 (TTY, RS-232c, RS-485) and COM 2 (RS-232c), facilitating versatile communication.

The device operates within an ambient temperature range of 0°C to 50°C and offers an IP65 degree of protection on the front, ensuring durability in industrial environments. Its compact design, with dimensions of 340 mm in width, 270 mm in height, and 5 mm in depth, allows for easy installation in space-constrained settings.

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The TP42ET/239052 is ideal for applications requiring a robust and user-friendly interface in industrial settings.

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