

HMIGT05310

Industrial automation components

Manufacturer	Schneider Electric
Catalog number	hmigto5310
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.77 kgs
Current	30 A
Memory/Storage	96 MB
Cable Specification	640 × 480
Signal Level	24 V
Voltage	24 V
Signal Type	24

Description

The Schneider Electric HMIGT05310 is an advanced touchscreen panel from the Harmony GTO series, designed to provide intuitive human-machine interface solutions for industrial automation applications. Featuring a 10.4-inch color TFT LCD display with a resolution of 640 x 480 pixels (VGA), it offers clear and vibrant visuals for efficient system monitoring and control. The panel operates on a 24V DC supply voltage, with a range between 19.2V and 28.8V, and consumes up to 17W of power, ensuring reliable performance in various industrial environments. Equipped with 96MB of flash memory (EPR0M) and 512KB of internal RAM (SRAM), the HMIGT05310 supports data storage and backup functionalities. It includes an SD card slot compatible with SD and SDHC cards up to 32GB, allowing for expanded storage and data management. Connectivity options are versatile, featuring one RS232C port, one RS485 port, one Ethernet TCP/IP port, and two USB ports (one host and one mini-B), facilitating seamless integration with a wide range of industrial devices and networks. The panel is designed for flush mounting and has an enclosure material made of PPT, ensuring durability and ease of installation. It operates within an ambient temperature range of 0°C to 55°C, making it suitable for diverse industrial settings. The HMIGT05310 complies with various standards, including IEC 61131-2, IEC 61000-6-2, and UL 508, and carries certifications such as CE, C-Tick, and KCC, ensuring adherence to international quality and safety standards. This HMI panel is ideal for applications in compact machines, handling systems, food and beverage machinery, and the pharmaceutical industry, providing a reliable and user-friendly interface for industrial automation systems.