

7" HMI HG2J Series

Sleek. Stylish. Smart.



PRODUCT DESCRIPTION

Stylish smart capacitance touchscreens with an input voltage of 12-24V DC make the HG2J HMI a leading choice for applications across a variety of industries, including industrial, solar, and vehicle applications. Offered in a popular size form factor, HG2J uses Projected-Capacitive (PCAP) technology to provide a slimmer and sleeker appearance, small installation footprint, improved performance, and longer life.

An industry-leading three year warranty and exceptionally wide operating temperature range, as well as IP66/67F, Type 4X, 12, 13, and Class I Div 2 approval ratings, assure reliable operation even in the toughest environments.

GENERAL SPECIFICATIONS

Rated Power Voltage	12 to 24V DC
Power Voltage Range	10.2 to 28.8V DC
Power Consumption	13W maximum 5W maximum when not using USB1 or USB2 3W maximum when Backlight OFF
Allowable Momentary Power Interruption	10ms max. (power supply voltage 20.4 to 28.8V DC) 1ms max. (power supply voltage 10.2 to 20.4V DC)
Inrush Current	30A maximum
Dielectric Strength	500V AC, 10 mA, 1 minute between power and FG terminals
Operating Temperature	-20 to +60°C (no freezing)
Operating Humidity	10 to 90%RH (no condensation)
Storage Temperature	-20 to +70°C (no freezing)
Storage Humidity	10 to 90%RH (no condensation)
Pollution Degree	2
Vibration Resistance	5 to 8.4 Hz single amplitude 3.5 mm, 8.4 to 150 Hz acceleration, 9.8M/s ² on each of three mutually perpendicular axes (IEC61131-2)
Shock Resistance	147m/s ² , 11ms, 5 shocks on each of three mutually perpendicular axes (IEC61131-2)
Noise Immunity	Fast transient/burst test Power terminals: 2 kV Communication line: 1kV (IEC/EN61131-2)
Electrostatic Discharge	Contact: 6 kV Air: 8kV (IEC/EN61131-2)
Corrosion Immunity	Free from corrosive gases
Mounting	Panel mount (panel thickness: 1.0 to 5.0 mm)
Degree of Protection	When panel thickness is less than 1 to 5mm: IP66F (IEC60529) When panel thickness is less than 1.6 to 5mm: IP66F, IP67F (IEC60529) TYPE 4X, TYPE 13
Dimensions	186 (W) x 128 (H) mm x 30.4 (D) mm
Weight (approx.)	500g

Do not use the HG2J in an environment subject to strong ultraviolet rays, otherwise the LCD quality will deteriorate.

KEY FEATURES

- 800 x 480 High Resolution
- 50,000 Hours Backlight Life
- 500 cd/m² Brightness
- -20 to +60°C Extreme Operating Temp
- Remote Access, FTP, Email, Mobile App and Custom Web Page
- Support 4 protocols simultaneously

