

Paperless Graphic Recorder

DS6000



Features:

- Secure data recording
- Full colour, high resolution, touch screen display
- Up to 18 universal input channels (6100A)
- Up to 48 universal input channels (6180A)
- Batch functionality
- Remote viewing and configuration
- Full audit trail
- USB "Plug & Play"
- Local printing



Description:

The 6000 series fits a wide spectrum of applications by offering fully featured software options and flexible I/O, which can be added to at any time. A unique 'trial mode' feature removes the constraints of the purchased options, allowing you to simply 'try before you buy'.

The 6000 series HMI is easy and intuitive to use ensuring faster productivity and minimal learning requirements. It also incorporates a 'Pop Up' full 'QWERTY' keyboard to facilitate easy data or message entry. There are no complicated button presses, you can create your own operator buttons, anywhere on the display. Use of intuitive drop down menus aid consistent navigation.

The 6000 series offers unrivalled input accuracy with a 125ms total sample rate for up to 48 input channels. Input channels are freely configurable to suit your process requirements. Each instrument has an intuitive, touch screen display to enable operators to clearly view process data in varying formats. All have onboard Flash data storage capability. Ethernet communication and choice of Compact Flash or SD card. Data is stored in a tamper-resistant binary format that can be used for secure, long-term records of your process. The 6000 series is truly designed for today's networked world and can be accessed via a Local Area Network, dial-up connection, intranet or internet.



General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

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Available Features	6100A	6180A
Display	5.5" 1/4 VGA	12.1" XGA
Channels	18	48
Relays	12	27
Events inputs	24 (6 per option card)	
Groups	6 standard (12 optional)	
Auditor Features	Auditor or audit trail	
Virtual Channels*	36, 96, 128	
Timers	Fitted as standard	
Alarms	4 per channel	
Batch	Optional	
Bridge-remote Viewing Software	Lite as standard (full optional)	
Screen Builder	24 (optional)	
Security	Unlimited unique user names with configurable access permissions and passwords	
Configuration Software	Standard	
Review/Quickchart Lite Software	Standard	
Standard Views	Vertical and horizontal trending. Vertical and horizontal bargraphs. Circular trend and numeric values.	

* Virtual channels can be configured as maths, totalisers, counters or comms.

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Operating Temperature	0 to 50°C
Storage Temperature	-20 to 60°C
Operating Humidity	5 to 80% relative humidity
Storage Humidity	5 to 90% relative humidity
Protection - Bezel and Display	IP66
Protection - Sleeve	IP20
Shock	BS EN61010
Vibration (10 to 150Hz)	BS EN60873, section 9.18
Altitude	<2,000 metres

Electromagnetic Compatibility	CE, cUL (EMC)
UL File Number	e57766
Emissions and Immunity	BS EN61326
Electrical Safety	BS EN61010 installation cat. II; pollution degree 2

Standard Supply Voltage	85 to 265V AC; 47 to 63Hz or 110 to 370V DC
Low Voltage Option*	20 to 42V RMS; 45 to 400Hz or 20 to 54V DC
Maximum Power	60VA (inrush current 36A)
Fuse Type	None
Standard Interrupt Protection	Holdup >200ms at 240V AC with full load
Low Voltage Option*	20ms at 20V DC or RMS with full load

*Please consult us for this option

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