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TECHNOLOGY GROUP

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Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
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Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Schneider Electric / Eurotherm / Chessell 5100V* at our website: *Click HERE*

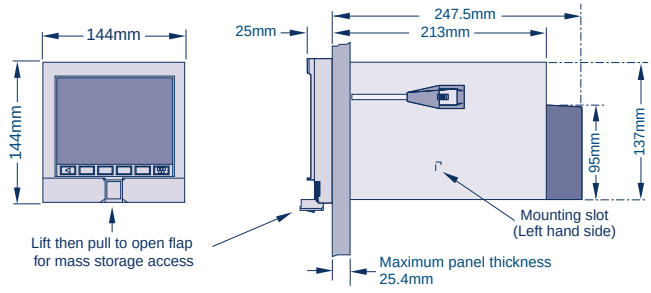
5100V Chessell DAQ 100mm Networked or Standalone Graphic Data Acquisition Unit



The 5100 Series are state of the art graphic data acquisition display and data management products. It can acquire data from a process, display it in various formats, archive it and communicate via an Ethernet network. They provide seamless interface between the plant floor and the IT environment.

Taking up to 12 universal inputs, the 5100V has a choice of high visibility bar graph, digital trend and customisable displays that show both current and historical process values.

Review software is included with all 5000 Series for use on a PC. This enables data to be stored, displayed and printed and, if required, forwarded in a CSV format. Review software can obtain data from the 5000 using File Transfer Protocol over Ethernet or by using the removable PC Card or Floppy Disk – all methods ensure complete integrity of information by using packed data logging.



Front view

View on right hand side

Options

Batch 5000 software – log the batch
Batch 5000 – software enables batch logging to be started and stopped by the operator with process specific data being recorded including operator name, time/date and up to 6 configurable batch specific fields
Screen Builder software – enables user to customise up to 4 displays to best suit their process
Bridge 5000 – enables user to view 5100V display from a PC anywhere

Features

- 1/4 TFT colour display
- touch-screen interface
- high quality I/O
- up to 12 freely configurable input channels
- up to 6 change-over relays
- input scan rate of 125ms all channels
- Ethernet communications
- data archiving over Ethernet, or to PC card/3.5” disk
- Review Software as standard
- Client and Server File Transfer Protocol as standard

Specifications

Protection:
IP65
Archiving:
3.5” disk or PC card, 1.44Mb to 260Mb
Input types:
Dc mV, dc V, dc mA,
Thermocouple: B, C, D, E, G2, J, K, L, N, R, S, T, U, Ni/NiMo, Platinel,
RTD (2/3-wire) PT100, PT100A, PT1000, Ni100, Ni120, Ni1000, JPT100, Cu10
Max power consumption:
100VA
Temperature limits:
Operation 0-50°C
Humidity limits:
Operation 5 to 80% RH non condensing
Literature:
HA026955 5000 brochure

Ordering codes

5100V	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		1						0		0					0		0

1 Number of Channels

06	6 channels (1 slot)
12	12 channels (2 slots)

2 Power Supply

1	90-264V ac, 45-65Hz

3 Archive Type

1	1.44Mb floppy disk
2	PCMCIA

4 Memory Card Size

0	No memory card supplied
B	8 Mb flash ATA card
H	16 Mb flash ATA card
J	32 Mb flash ATA card
K	64 Mb flash ATA card
L	256 Mb flash ATA card
M	260 Mb hard disk

5 Qty of Shunts

00	Qty of shunts (1-12)

6 Shunt Value

1	No shunts
2	250 Ohm shunts
3	100 Ohm shunts

7 Qty of 100:1 Attenuators

00	Qty of attenuators (1-12)

8 Factory Set

9 Operating Language

E	English
F	French
G	German

10 Factory Set

11 Customer Label Set

01	Eurotherm
00	Eurotherm USA
02	Eurotherm France
10	Eurotherm Germany
NL	No customer label

12 Case and Door Colour

0	Eurotherm green

13 Batch

0	None
B	Batch

14 Screen Builder

0	None
S	Screen builder

15 Factory Set

16 Relays Changeover in Alarm

1	3 CO Relay outputs (1 pcb)
2	6 CO Relay outputs (2 pcbs)

17 Factory Set

Example ordering code

5100V - 06 - 1 - 1 - 0 - 00 -1 - 00 - 0 - E - 0 - 01 - 0 - B - 0 - 0 - 1 - 0

5100V Default order code

Artisan Technology Group is an independent supplier of quality pre-owned equipment

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Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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