ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

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

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

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

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Keysight / Agilent E1535A* at our website: ***Click HERE***

This literature was published years prior to the establishment of Agilent Technologies as a company independent from Hewlett-Packard and describes products or services now available through Agilent. It may also refer to products/services no longer supported by Agilent. We regret any inconvenience caused by obsolete information. For the latest information on Agilent's test and measurement products go to:

www.agilent.com/find/products

Or in the U.S., call Agilent Technologies at 1-800-452-4844 (8am–8pm EST)

Agilent Technologies
Innovating the HP Way

HEWLETT® PACKARD

Watchdog Timer SCP HP E1535A

Technical Specifications

- **Four algorithm controllable SPST relays**
- **12 ms, 120 ms, 1.2 s, and 12 s alarm timer settings**
- **Use for process control alarms**



HP E1535A

Description

The HP E1535A Watchdog Timer SCP provides alarm signals in the event of a user defined control failure. The HP E1535A and the use of HP E1415A or HP E1419A Algorithm Language to control its four SPST relays can be used to signal various levels of process control alarms. Functions include a watchdog timer (must be reset at intervals by an algorithm), jumpers to set different maximum reset or time-out periods for the timer, an I/O disconnect input signal, and a jumper to enable/disable the I/O disconnect signal.

Use the HP E1535A with the following VXI modules:

Model	Description
HP E1415A	Algorithmic Closed Loop Controller
HP E1419A	Multifunction Measurement and Control Module

Refer to the HP Website for recent product updates, if applicable.

Product Specifications

Maximum I/O Disconnect Voltage

Applied to input terminal:
Operating: < ± 5 V peak

Relay Characteristics

Relay switching current: 0.5 A
Relay switching voltage: 60 Vdc, 42 Vac
Contact power rating: 10 W max.
Contact resistance: 0.2 Ω
Relay life:
1 V @ 10 mA: 100E6 operations (reduced life if signal higher than 1 V @ 10 mA)

Input Characteristics for I/O Disconnect

Minimum true level: 2 V
Maximum false level: 0.8 V
Transition delay time: 1 ms

Current Requirements (Amps)

5 V max	24 V max	-24 V max
0.058	0	0

Ordering Information

Description	Product No.
Watchdog Timer SCP	HP E1535A

Related Literature

1998 Test System and VXI Products Data Book,
HP Pub. No. 5966-2812E

1999 Test System and VXI Products Catalog,
HP Pub. No. 5968-3698

Warranty

Standard Hewlett-Packard VXIbus hardware products are warranted against defects in materials and workmanship for a period of three years unless otherwise noted. HP software and firmware products that are designated by HP for use with a hardware product, when properly installed on that hardware product, are warranted not to fail to execute their programming instructions due to defects in materials and workmanship.

For a complete and detailed warranty statement please see the HP *Test System and VXI Products Data Book* or visit the HP Website at http://www.hp.com/go/vxi.

Website Directory

HP VXI Product Information
http://www.hp.com/go/vxi

HP VXI Channel Partners
http://www.hp.com/go/vxichanpart

HP VEE Application Website
http://www.hp.com/go/hpvee

Data Acquisition and Control Website
http://www.hp.com/go/data_acq

HP Instrument Driver Downloads
http://www.hp.com/go/inst_drivers

Electronics Manufacturing Test Solutions
http://www.hp.com/go/manufacturing

HEWLETT® PACKARD

For more information about Hewlett-Packard test & measurement products, applications, services, and for a current sales office listing, visit our website, *http://www.hp.com/go/tmdir.* **You can also contact one of the following centers and ask for a test & measurement sales representative.**

United States:
Hewlett-Packard Company
Test and Measurement Call Center
P.O. Box 4026
Englewood, CO 80155-4026
1 800 452 4844

Canada:
Hewlett-Packard Canada Ltd.
5150 Spectrum Way
Mississauga, Ontario L4W 5G1
(905) 206 4725

Europe:
Hewlett-Packard
European Marketing Centre
P.O. Box 999
1180 AZ Amstelveen
The Netherlands
(31 20) 547 9900

Japan:
Hewlett-Packard Japan Ltd.
Measurement Assistance Center
9-1, Takakura-Cho, Hachioji-Shi,
Tokyo 192, Japan
Tel: (81) 426 56 7832
Fax: (81) 426 56 7840

Latin America:
Hewlett-Packard
Latin American Region Headquarters
5200 Blue Lagoon Drive, 9th Floor
Miami, Florida 33126
U.S.A.
Tel: (305) 267-4245
(305) 267-4220
Fax: (305) 267-4288

Australia/New Zealand:
Hewlett-Packard Australia Ltd.
31-41 Joseph Street
Blackburn, Victoria 3130
Australia
1 800 629 485

Asia Pacific:
Hewlett-Packard Asia Pacific Ltd.
17-21/F Shell Tower, Times Square,
1 Matheson Street, Causeway Bay,
Hong Kong
Tel: (852) 2599 7777
Fax: (852) 2506 9285

Data Subject to Change
Copyright © June 1999
Hewlett-Packard Company

HP Publication No.: 5966-2408E

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

Gold-standard solutions

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.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP