

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.

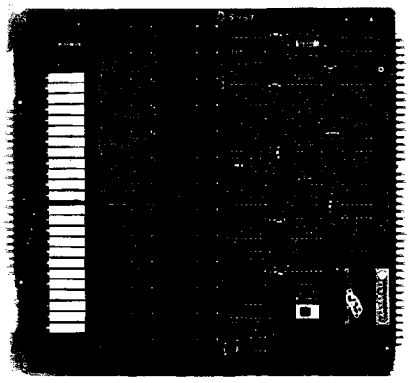
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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- ***Two independently programmable resistors***
- **Resolution of 1,000 steps**
- **Step size adjustable from 10 to 100 Ohms**
- **User-definable values may be substituted for standard values**



ORDERING INFORMATION

53A-342 - Dual Decade Resistance Programming Card
OPT 10 - Fixed Resistors, 10 Ohm Step Size
OPT 11 - Fixed Resistors, 1 Ohm Step Size
OPT 1C - Fixed Resistors, 100 Ohm Step Size
53A-780 - Hooded Connector

The Dual Decade Resistance Programming Card provides two independently programmable resistors. Each resistor has a resolution of three decimal digits (1,000 steps). The steps are controlled by relays switching in and out resistors in a resistor ladder. This provides excellent electrical isolation, and is useful for applications such as resistively programming power supplies, programming a known resistance into a circuit under test or automatically tuning a circuit. The resistors in the resistor ladder are variable, thus allowing the user to set a specific full scale resistance value. The full scale range is 10 KOhms to 100 KOhms. The user may tap into the resistor ladder at twelve different points.

Specifications

Type Resistors:
Two sets of three decade programmable resistors, each set consisting of 12 variable cermet resistors. Individual resistors are ¾ Watt, twenty turn.*

Minimum Resistance Step:
Adjustable from 10 Ohms to 100 Ohms.*

*Standard values. The user may substitute fixed or variable resistors of different values to better satisfy a particular application. Contact your local sales office for details.

Maximum Resistance:
Adjustable from 9,990 Ohms to 99,990 Ohms.

Programming Speed:
100 steps/sec, zero to full scale steps.

Resolution:
Three significant digits.

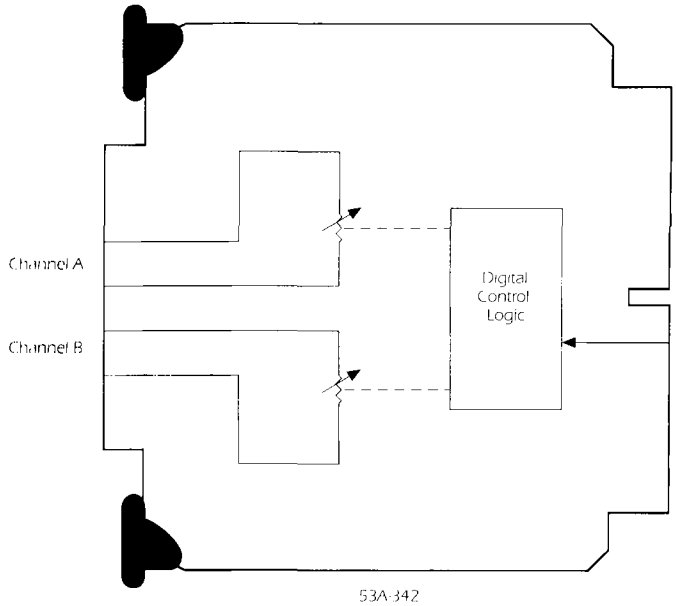
Absolute Accuracy:
1.0% of full scale.

Temperature Coefficient:
±0.01%/°C.

Programmed By:
ASCII Characters.

Recommended Cable:
53A-780.

Available Options:
OPT 10, fixed resistors, 10 Ohm step size.
OPT 11, fixed resistors, 1 Ohm step size.
OPT 1C, fixed resistors, 100 Ohm step size.
Many custom resistance options are available, please contact the factory for more information.



53A-342

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.

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

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