OPTO 22

FUSES

Features

> Reliable replacements for fuses used in Opto 22 products
> Convenient multi-packs

Replacement Fuses

DESCRIPTION

For your convenience, you can purchase replacement fuses for *groov* EPIC, G1, G4, and SNAP racks, modules, power supplies, and other Opto 22 products.

Fuses can also be purchased from other manufacturers, such as Littelfuse or Wickmann.

Part numbers for fuses, clips, and holders are listed in the table at right.

NOTE: Fuses are sold in convenient packs of 5, 10, or 25. If you have ordered a part number such as FUSE.125 in the past, you should now order FUSE.125B. The fuse is the same; the "B" at the end of the part number indicates a pack of 10.

The tables on the following pages list Opto 22 products in alphabetical order and show the fuse to use with each one. If your part number is not listed, contact Opto 22 Inside Sales (951-695-3000).

Part Numbers

Part	Description
FUSE.125B	Pack of 10 1/8-amp fuses for standard analog I/O channel loop source
FUSE01B	Pack of 10 1-amp fuses for standard digital logic power
FUSE02B	Pack of 10 2-amp fuses for standard analog logic power and some 32-channel digital logic power
FUSE05B	Pack of 10 5-amp fuses for standard digital output modules
FUSEG4B	Pack of 10 4-amp fuses for G4 digital modules
FUSE01G4B	Pack of 10 1-amp fuses for G4 digital rack logic power and brick regulator
G4 FUSE CLIP	Pack of 10 fuse clips for G4 products
GRV-EPIC-PSAC-FUSE-B	Pack of 5 2-amp 250 V slow fuses for the GRV-EPIC-PSAC power supply
GRV-EPIC-PSDC-FUSE-B	Pack of 5 4-amp 250 V slow fuses for the GRV-EPIC-PSDC power converter
GRV-EPIC-PSPT-FUSE-B	Pack of 5 10-amp 125 V fast fuses for the GRV-EPIC-PSPT power adapter
SNAP-FUSE1AB	Pack of 25 1-amp fuses for SNAP racks and power supplies
SNAP-FUSE1AC	Pack of 25 1-amp fuses for breakout racks
SNAP-FUSE2AB	Pack of 25 2-amp fast-acting fuses for SNAP-PS5-24DC power supplies
SNAP-FUSE4AB	Pack of 25 4-amp fuses for SNAP racks and modules
SNAP-FUSE7.5AB	Pack of 25 7.5-amp fuses for SNAP M-series and SNAP PAC racks
SNAP-FUSE10AB	Pack of 25 10-amp fuses for SNAP-IT TMS modem
SNAP-MODFUSEHLDRB	Pack of 10 fuse holders for the 4-amp fuses used with SNAP products

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FUSES FOR OPTO 22 MODULES

Opto 22 PN	Description	Fuse
AD3	4 to 20 mA Input	FUSE.125B
DA3	4 to 20 mA Output	FUSE.125B
DA8	0 to 20 mA Output	FUSE.125B
G4HDAR,BSC	G4HDAR for Bethlehem Steel	FUSE01G4B
G4IAC5M	G4 AC Input with Fuse Millar	FUSEG4B
G4IDC5GFAST	G4 DC Input with Fuse Millar	FUSEG4B
G4IDC5M	G4 DC Input with Fuse Millar	FUSEG4B
G4IDC5WF	G4 DC Input Module with Fuse	FUSEG4B
G4OAC15	G4 AC Output 12–140 VAC, 15 VDC Logic	FUSEG4B
G4OAC15A	G4 AC Output 24–280 VAC, 15 VDC Logic	FUSEG4B
G4OAC24	G4 AC Output 12–140 VAC, 24 VDC Logic	FUSEG4B
G4OAC24A	G4 AC Output 24–280 VAC, 24 VDC Logic	FUSEG4B
G4OAC24A, WEIDMULLER	G4 AC Output Module Weidmuller	FUSEG4B
G4OAC24ADC	G4 AC Output	FUSEG4B
G4OAC24AFC	G4OAC24A with Fuse Clip	FUSEG4B
G4OAC24FC	G4OAC24 with Fuse Clip	FUSEG4B
G4OAC5	G4 AC Output 12–140 VAC, 5 VDC Logic	FUSEG4B
G4OAC5A	G4 AC Output 24–280 VAC, 5 VDC Logic	FUSEG4B
G4OAC5A5	G4 AC Output, 24–280 VAC, 5 VDC Logic, NC	FUSEG4B
G4OAC5A5FM*	G4 AC Output 24–280 VAC, 5 VDC Logic NC	FUSEG4B
G4OAC5ADC	G4 AC Output	FUSEG4B
G4OAC5AFC-ABB	G4 AC Output ABB-no.2005ap2	FUSEG4B
G4OAC5AFM*	G4 AC Output 24–280 VAC, 5 VDC Logic	FUSEG4B
G4OAC5AMA	G4 AC Output 24–280 VAC, 5 VDC Logic with HOA/SW	FUSEG4B
G4OAC5FM*	G4 AC Output 12–140 VAC, 5 VDC Logic	FUSEG4B
G4OAC5MA	G4 AC Output 12–140 VAC, 5 VDC Logic with HOA/SW	FUSEG4B
G4ODC15	G4 DC Output 5–60 VDC, 15 VDC Logic	FUSEG4B
G4ODC24	G4 DC Output 5–60 VDC, 24 VDC Logic	FUSEG4B

Opto 22 PN	Description	Fuse
G4ODC24, WEIDMULLER	G4ODC24 Private Label for Weidmuller	FUSEG4B
G4ODC24A	G4 DC Output 5–200 VDC, 24 VDC Logic	FUSEG4B
G4ODC24AFC	G4ODC24A with Fuse Clip	FUSEG4B
G4ODC24FC	G4ODC24 with Fuse Clip	FUSEG4B
G4ODC5, WEIDMULLER	G4ODC5 Private Label for Weidmuller	FUSEG4B
G4ODC5	G4 DC Output 5–60 VDC, 5 VDC Logic	FUSEG4B
G4ODC5, ELECTROC	EC-ODC060-3	FUSEG4B
G4ODC5,KENT	ABB Instrumentation 2005ap10100a	FUSEG4B
G4ODC5A	G4 DC Output 5–200 VDC, 5 VDC Logic	FUSEG4B
G4ODC5A, ELECTRO	EC-ODC200-1	FUSEG4B
G4ODC5A, KENT	ABB Instrumentation 2005ap10110a	FUSEG4B
G4ODC5AFM*	G4 DC Output 5–200 VDC, 5 VDC Logic	FUSEG4B
G4ODC5F*	G4 DC Output 5–60 VDC, 5 VDC Logic	FUSEG4B
G4ODC5MA	G4 DC Output 5–60 VDC, 5 VDC Logic with HOA/SW	FUSEG4B
G4ODC5R	G4 Reed Relay Output, 5 VDC Logic	FUSE01G4B
G4ODC5R5	G4 Reed Relay Output, 5 VDC Logic, NC	FUSE01G4B
G4ODC5R5FM*	G4 Reed Relay Output, 5 VDC Logic, NC	FUSE01G4B
G4ODC5RFM*	G4 Reed Relay Output, 5 VDC Logic,	FUSE01G4B
G4ODC5RFR	G4 Reed Relay Fr-epoxy	FUSE01G4B
SNAP-OAC5	4-channel AC Output 12–280 VAC, 5 VDC Logic	SNAP-FUSE 4AB
SNAP-ODC5ASNK	SNAP DC Output Reed Relay	SNAP-FUSE 4AB
SNAP-ODC5SNKFM*	4 Channel DC Output 5–60 Logic Sinking	SNAP-FUSE 4AB
SNAP-ODC5SNK	4-channel DC Output 5–60 VDC, 5 VDC Logic Sink	SNAP-FUSE 4AB
SNAP-ODC5SRC	4-channel DC Output 5–60 VDC, 5 VDC Logic Source	SNAP-FUSE 4AB
SNAP-ODC5SRCFM*	4-channel DC Output 5–60 VDC, 5 VDC Logic Source	SNAP-FUSE 4AB
SNAP-ODC5SRC-T	4-channel DC Output Transient Protect	SNAP-FUSE 4AB

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FUSES FOR OPTO 22 RACKS

Opto 22 PN	Description	Fuse
G4PB16	G4 16-channel I/O Module Rack	FUSEG4B
G4PB16H	G4 16-channel Rack with Header Connector	FUSE01B (logic) FUSEG4B (I/O)
G4PB16HC	G4 16-channel Rack with Header Connector and Extra Terminal Strip	FUSE01B (logic) FUSEG4B (I/O)
G4PB16I	G4 16-channel I/O Module Rack Isolated Control	FUSEG4B
G4PB16J	G4 DC Input 4–16 VDC 16-channel Integral	FUSE01G4B
G4PB16K	G4 DC Input 16–28 VDC 16-channel Integral	FUSE01G4B
G4PB16L	G4 DC Output 5–60 VDC 16-channel Integral	FUSE01G4B
G4PB16T	G4 16-channel I/O Module Rack Extra Terminal Strip	FUSEG4B
G4PB24	G4 24-channel I/O Module Rack	FUSEG4B
G4PB32DEC	G4 32-channel I/O Module Rack	FUSEG4B
G4PB32H	G4 32-channel Rack with Header Connector for B4 Brain	FUSE02B (logic) FUSEG4B (I/O)
G4PB32JY-IN	G4 32 Point Rack Inputs JYC-systems	FUSE01G4B (logic) FUSEG4B (I/O)
G4PB32JY-OUT	G4 32 Point Rack JYC-systems	FUSE01G4B (logic) FUSEG4B (I/O)
G4PB4	G4 4-channel I/O Module Rack	FUSEG4B
G4PB4R	G4 4-channel Output Module Rack	FUSEG4B
G4PB8	G4 8-channel I/O Module Rack	FUSEG4B
G4PB8H	G4 8-channel Rack with Header Connector	FUSE01B (logic) FUSEG4B (I/O)
G4PB16FB1	Foxboro G4PB16 Single Wetting	FUSE01B (logic) FUSEG4B (I/O)

Opto 22 PN	Description	Fuse
G4PB16FB2	Foxboro G4PB16 Dual Wetting	FUSE01B (logic) FUSEG4B (I/O)
PB16A	16-channel I/O Module Rack	FUSE05B
PB16AH	16-channel Analog Mounting Rack	FUSE02B
PB16C	16-channel I/O Module Rack Extra Terminal Strip	FUSE05B
PB16H	16-channel Rack with Header Connector	FUSE01B (logic) FUSE05B (I/O)
PB16HC	16-channel Rack with Header Connector and Extra Terminal Strip	FUSE01B (logic) FUSE05B (I/O)
PB16HQ	Quad 4-module Position Rack	FUSE01B (logic) FUSE05B (I/O)
PB16J	DC Input 4–16 VDC 16-channel Integral	FUSE01B
PB16K	DC Input 16–28 VDC 16-channel Integral	FUSE01B
PB16L	DC Output 5–60 VDC 16-channel Integral	FUSE01B
PB16P1	Pamux 1	FUSE01B (logic) FUSE05B (I/O)
PB16T	16-channel I/O Module Rack	FUSE05B
PB24	24-channel I/O Module Rack	FUSE01B (logic) FUSE05B (I/O)
PB24HQ	Quad 6-module Position Rack with Header Connector	FUSE01B (logic) FUSE05B (I/O)
PB24Q	Quad 6-module Position Rack	FUSE01B (logic) FUSE05B (I/O)
PB32DEC	Quad 8-module Position Rack	FUSE01B (logic) FUSE05B (I/O)
PB32HQ	Quad 8-module Rack with Header Connector for B4 Brain	FUSE02B (logic) FUSE05B (I/O)
PB32P2	Pamux 2	FUSE02B (logic) FUSE05B (I/O)
PB4	4-channel I/O Module Rack	FUSE05B
PB4H	4-channel Rack with header Connector	FUSE01B (logic) FUSE05B (I/O)
PB4R	4-channel Output Module Rack	FUSE05B

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Opto 22 PN	Description	Fuse
PB8	8-channel I/O Module Rack	FUSE05B
PB8H	8-channel Rack with Header Connector	FUSE05B
SNAP-AIMA-HDB	Breakout Board for SNAP-AIMA-32 Analog Input Module	SNAP-FUSE1AC
SNAP-AIMA-HDB-FM*	Breakout Board for SNAP-AIMA-32 Analog Input Module	SNAP-FUSE1AC
SNAP-B12M	12-module Rack	SNAP-FUSE4AB
SNAP-B12MC	12-module Rack with Extra Terminal Block for Field Wiring	SNAP-FUSE4AB
SNAP-B12MC-P	12-module Rack with Extra Terminal Block for Field Wiring, Pluggable	SNAP-FUSE4AB
SNAP-B16M	16-module Rack	SNAP-FUSE4AB
SNAP-B16MC	16-module Rack with Extra Terminal Block for Field Wiring	SNAP-FUSE4AB
SNAP-B16MC-P	16-module Rack with Extra Terminal Block for Field Wiring, Pluggable	SNAP-FUSE4AB
SNAP-B16MC-SF1	16-module Smart Rack for Sputter Film	SNAP-FUSE4AB
SNAP-B4M	4-module Brain Rack	SNAP-FUSE4AB
SNAP-B8M	8-module Rack	SNAP-FUSE4AB
SNAP-B8MC	8-module Rack with Extra Terminal Block for Field Wiring	SNAP-FUSE4AB
SNAP-B8MC-P	8-module Rack with Extra Terminal Block for Field Wiring, Pluggable	SNAP-FUSE4AB
SNAP-D12M	12-module Rack	SNAP-FUSE1AB
SNAP-D12MC	12-module Rack with Extra Terminal Block for Field Wiring	SNAP-FUSE1AB
SNAP-D12MC-P	12-module Rack with Extra Terminal Block for Field Wiring, Pluggable	SNAP-FUSE1AB
SNAP-D4M	4-module Rack	SNAP-FUSE1AB
SNAP-D4MC	4-module Rack with Extra Terminal Block for Field Wiring	SNAP-FUSE1AB

Opto 22 PN	Description	Fuse
SNAP-D4MC-P	4-module Rack with Extra Terminal Block for Field Wiring, Pluggable	SNAP-FUSE1AB
SNAP-D6M	6-module Rack	SNAP-FUSE1AB
SNAP-D6MC	6-module Rack with Extra Terminal Block for Field Wiring	SNAP-FUSE1AB
SNAP-D6MC-P	6-module Rack with Extra Terminal Block for Field Wiring, Pluggable	SNAP-FUSE1AB
SNAP-D64RS	SNAP 64-point Digital Rack	SNAP-FUSE4AB
SNAP-D8M	8-module Rack	SNAP-FUSE1AB
SNAP-D8MC	8-module Rack with Extra Terminal Block for Field Wiring	SNAP-FUSE1AB
SNAP-D8MC-P	8-module Rack with Extra Terminal Block for Field Wiring, Pluggable	SNAP-FUSE1AB
SNAP-IDC-HDB	Breakout Rack for SNAP 32-channel Digital Input Module	SNAP-FUSE1AC
SNAP-IDC-HDB-FM*	Breakout Rack for SNAP 32-channel Digital Input Module	SNAP-FUSE1AC
SNAP-ODC-HDB	Breakout Rack for SNAP 32-channel Digital Output Modules	SNAP-FUSE1AC
SNAP-ODC-HDB-FM*	Breakout Rack for SNAP 32-channel Digital Output Modules	SNAP-FUSE1AC
SNAP-M16	4-module Rack	SNAP-FUSE7.5AB
SNAP-M32	8-module Rack	SNAP-FUSE7.5AB
SNAP-M48	12-module Rack	SNAP-FUSE7.5AB
SNAP-M64	16-module Rack	SNAP-FUSE7.5AB
SNAP-PAC-RCK4	4-module Rack	SNAP-FUSE7.5AB
SNAP-PAC-RCK4-FM*	4-module Rack	SNAP-FUSE7.5AB
SNAP-PAC-RCK8	8-module Rack	SNAP-FUSE7.5AB
SNAP-PAC-RCK8-FM*	8-module Rack	SNAP-FUSE7.5AB
SNAP-PAC-RCK12	12-module Rack	SNAP-FUSE7.5AB
SNAP-PAC-RCK12-FM*	12-module Rack	SNAP-FUSE7.5AB
SNAP-PAC-RCK16	16-module Rack	SNAP-FUSE7.5AB
SNAP-PAC-RCK16-FM*	16-module Rack	SNAP-FUSE7.5AB

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Opto 22 PN	Description	Fuse
SNAP-TEX-FB16-H	16-channel Breakout Board, Fuses and Bussed Power (120-240 V)	FUSE01G4B
SNAP-TEX-FB16-L	16-channel Breakout Board, Fuses and Bussed Power (12-24 V)	FUSE01G4B

* OBSOLETE product, please contact Pre-Sales Engineering for more information.

FUSES FOR OTHER OPTO 22 PRODUCTS

Opto 22 PN	Description	Fuse
BUNNMASTER	Bunn Master System	FUSE01G4B
CATTRONFUSE	Two 5 A Fuses	FUSE05B
CUBIC-9375-0125	8-point Digital Rack Loaded for Cubic	SNAP-FUSE1AB
CUBIC-9375-0144	8 -point Digital Rack Loaded for Cubic	SNAP-FUSE1AB
G4A8L	Local Analog 8-channel Multifunction I/O Unit Mistic Protocol	FUSE01G4B
G4A8P	Mistic 100 8-pt Analog Brick	FUSE01G4B
G4A8R	Remote Analog 8-channel Multifunction I/O Unit Mistic Protocol	FUSE01G4B
G4D16L	Local Digital 16 Channel Multifunction I/O Unit Mistic Protocol	FUSE01G4B
G4D16LS	Local Digital 16 Channel I/O Unit Mistic Protocol	FUSE01G4B
G4D16P	Mistic 100 Digital Brick	FUSE01G4B
G4D16R	Remote Digital 16-channel Multifunction I/O Unit Mistic Protocol	FUSE01G4B
G4D32RS	Remote Digital 32-channel I/O Unit Mistic Protocol	FUSE01G4B
G4HDAL	Local Analog 32-channel High Resolution Multifunction I/O Unit Mistic Protocol	FUSE01G4B
G4HDALB	High Density Analog Local Brain	FUSE01G4B
G4HDAR	Remote Analog 32-channel High Resolution Multifunction I/O Unit Mistic Protocol	FUSE01G4B
G4HDARB	High Density Analog Remote Brain	FUSE01G4B
G4HDML	G4 High Density Motion Local	FUSEG4B
G4HDMR	G4 High Density Motion Remote	FUSEG4B
G4IOL	Local Panel Interface Mistic Protocol	FUSE01G4B (logic) FUSEG4B (I/O)
G4IOP	Mistic 100 I/O Cable Adapter	FUSE01G4B (logic) FUSEG4B (I/O)
G4IOR	Remote Panel Interface Mistic Protocol	FUSE01G4B (logic) FUSEG4B (I/O)

Opto 22 PN	Description	Fuse
G4IOR-NS	G4IOR with No Switches	FUSE01G4B (logic) FUSEG4B (I/O)
G4IOR-S	Remote Panel Interface Sealed Switches	FUSE01G4B (logic) FUSEG4B (I/O)
G4LC32	Opto 22 Classic Controller	FUSE01G4B
G4LC32ISA-LT	Opto 22 ISA Lite Controller	FUSE01G4B
G4LC32ISASER	ISA Serial Adapter for G4LC32ISA	FUSEG4B
G4OAC5,KENT	ABB Instrumentation 2005ap10120a	FUSEG4B
G4OAC5A, KENT	ABB Instrumentation 2005ap10130a	FUSEG4B
G4OAC5A-11, ELEC	EC-OAC240-3	FUSEG4B
G4OAC5A5, KENT	ABB Instrumentation 2005ap10140a	FUSEG4B
G4OAX	Optomux Analog Extender	FUSE01G4B
G4RAX	Remote Analog 8-channel I/O Unit Extender	FUSE01G4B
G4RCOMMKIT	Remote Brick Communication Kit	FUSE01G4B (logic) FUSEG4B (I/O)
G4REG	Brick Power Regulation Module	FUSE01G4B
GRV-EPIC-PSAC	*groov* EPIC power supply, 100–264 VAC	GRV-EPIC-PSAC-FUSE-B
GRV-EPIC-PSDC	*groov* EPIC power converter, 22–50 VDC input	GRV-EPIC-PSDC-FUSE-B
GRV-EPIC-PSPT	*groov* EPIC pass-through power adapter, 10–15 VDC	GRV-EPIC-PSPT-FUSE-B
LCM4EXTPWR	LCM4 External Power Board	FUSE01
M4SHART	M4 Slave Interface	FUSE01G4B
SNAP-IT-PM	Panel-mounted SNAP-IT Monitoring Unit (All Models Including Tower Management Systems)	SNAP-FUSE04AB (rack, modules, modem) SNAP-FUSE10AB (modem)
SNAP-PS24	SNAP Power Supply - Loop Power - 110 VAC To 24 VDC	SNAP-FUSE1AB
SNAP-PS5-24DC	SNAP DC-to-DC Power Supply	SNAP-FUSE2AB
SNAP-PS5	SNAP Power Supply - Single Rack - 110 VAC to 5 VDC	SNAP-FUSE1AB
SNAP-PS5-AT	SNAP Power Supply - (Argonaut)	SNAP-FUSE1AB
TMSDC-DC CONVERTER	DC-DC Converter for TMS Units	SNAP-FUSE4AB

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More about Opto 22

OPTO 22

PRODUCTS

Opto 22 develops and manufactures reliable, easy-to-use, open standards-based hardware and software products. Industrial automation, process control, remote monitoring, data acquisition, and industrial internet of things (IIoT) applications worldwide all rely on Opto 22.

groov RIO®

groov RIO edge I/O offers a single, compact, PoE-powered industrial package with web-based configuration and IIoT software built in, support for multiple OT and IT protocols, and security features like a device firewall, data encryption, and user account control.

Standing alone, *groov* RIO connects to sensors, equipment, and legacy systems, collecting and securely publishing data from field to cloud. Choose a universal I/O model with thousands of possible field I/O configurations, with or without Ignition from Inductive Automation®, or a RIO EMU energy monitoring unit that reports 64 energy data values from 3-phase loads up to 600 VAC, Delta or Wye.

You can even write an IEC 61131-3 compliant control program to run on *groov* RIO, using CODESYS. You can also use *groov* RIO with a Modbus/TCP master or as remote I/O for a *groov* EPIC system.

groov EPIC® System

Opto 22's *groov* Edge Programmable Industrial Controller (EPIC) system gives you industrially hardened control with a flexible Linux®-based processor with gateway functions, guaranteed-for-life I/O, and software for your automation and IIoT applications.

groov EPIC Processor

The heart of the system is the *groov* EPIC processor. It handles a wide range of digital, analog, and serial functions for data collection, remote monitoring, process control, and discrete and hybrid manufacturing.

In addition, the EPIC provides secure data communications among physical assets, control systems, software applications, and online services, both on premises and in the cloud. No industrial PC needed.

Configuring and troubleshooting I/O and networking is easier with the EPIC's integrated high-resolution color touchscreen. Authorized users can manage the system locally on the touchscreen, on a monitor connected via the HDMI or USB ports, or on a PC or mobile device with a web browser.

groov EPIC I/O

groov I/O connects locally to sensors and equipment. Modules have a spring-clamp terminal strip, integrated wireway, swing-away cover, and LEDs indicating module health and discrete channel status. *groov* I/O is hot swappable, UL Hazardous Locations approved, and ATEX compliant.

groov EPIC Software

The *groov* EPIC processor comes ready to run the software you need:

- Programming: Choose flowchart-based PAC Control, CODESYS Development System for IEC61131-3 compliant programs, or secure shell access (SSH) to the Linux OS for custom applications
- Node-RED for creating simple IIoT logic flows from pre-built nodes
- Efficient MQTT data communications with string or Sparkplug data formats
- Multiple OPC UA server options
- HMI: *groov* View to build your own HMI viewable on touchscreen, PCs, and mobile devices; PAC Display for a Windows HMI; Node-RED dashboard UI
- Ignition or Ignition Edge® from Inductive Automation (requires license purchase) with OPC-UA drivers to Allen-Bradley®, Siemens®, and other control systems, and MQTT communications

Older products

From solid state relays, to world-famous G4 and SNAP I/O, to SNAP PAC controllers, older Opto 22 products are still supported and working hard at thousands of installations worldwide. You can count on us for the reliability and service you expect, now and in the future.

QUALITY

Founded in 1974, Opto 22 has established a worldwide reputation for high-quality products. All are made in the U.S.A. at our manufacturing facility in Temecula, California.

Because we test each product twice before it leaves our factory rather than testing a sample of each batch, we can afford to guarantee most solid-state relays and optically isolated I/O modules for life.

FREE PRODUCT SUPPORT

Opto 22's California-based Product Support Group offers free technical support for Opto 22 products from engineers with decades of training and experience. Support is available in English and Spanish by phone or email, Monday–Friday, 7 a.m. to 5 p.m. PST.

Support is always available on our website, including free online training at OptoU, how-to videos, user's guides, the Opto 22 KnowledgeBase, and OptoForums.

PURCHASING OPTO 22 PRODUCTS

Opto 22 products are sold directly and through a worldwide network of distributors, partners, and system integrators. For more information, contact Opto 22 headquarters at **800-321-6786** (toll-free in the U.S. and Canada) or **+1-951-695-3000**, or visit our website at www.opto22.com.

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Mouser Electronics

Authorized Distributor

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Opto 22:

FUSE01G4B FUSE02B FUSE05B FUSEG4B GRV-EPIC-PSAC GRV-EPIC-PSAC-FUSE-5 GRV-EPIC-PSDC GRV-EPIC-PSDC-FUSE-5 GRV-EPIC-PSPT GRV-EPIC-PSPT-FUSE-5 SNAP-FUSE4AB SNAP-FUSE1AB SNAP-FUSE10AB SNAP-FUSE1AC G4 FUSE CLIP