

OPTO 22 LIMITED WARRANTIES AND REPAIR/RETURN POLICY

What's in This Document:

- **List of part numbers and their warranties, [page 4](#)**
- Summary of warranties, below
- Return and repair policy, right column
- Limited Lifetime Warranty, [page 2](#)
- Limited 30-Month Warranty, [page 3](#)

This document covers all parts currently sold by Opto 22.

For Help

If you have questions about the warranty status of your Opto 22 product or about returns or repairs, and you cannot find the answer you need in this document, please contact Product Support.

Phone: 800-TEK-OPTO (800-835-6786 toll-free in the U.S. and Canada)
951-695-3080
Monday through Friday, 7 a.m. to 5 p.m. Pacific Time

E-mail: support@opto22.com

Website: www.opto22.com

WARRANTY SUMMARY

All Opto 22 solid-state relays and most I/O modules carry a lifetime warranty against defects in materials and workmanship; they are covered by the Limited Lifetime Warranty.

The following parts are covered by the Limited 30-Month Warranty, which guarantees products for 30 months after their date of manufacture:

- *Reed relay modules* (guaranteed for 30 months or the mechanical life, whichever comes first; mechanical life is 5 million cycles)
- Modules that contain *mechanical contacts or switches*
- SNAP serial communication modules
- All other products we manufacture, including controllers, brains, racks, adapter cards, and so on.

Products manufactured by others and sold by us are covered by their original manufacturer's warranty. For example, OptoTerminal-G70 and OptoTerminal-G75 are manufactured by QSI; their warranty is 18 months from the date of manufacture (not the date of purchase).

Parts beginning with the letters *N-TRON*, such as N-TRON702-W, are manufactured by N-TRON Corporation. N-TRON products carry a 3-year limited warranty from the date of purchase.

Contact Opto 22 Product Support with any questions about warranties.

Consumable parts (like fuses), raw materials (like pem nuts), and memory (RAM) are not covered by any warranty.

RETURN AND REPAIR POLICY

Prior to returning any product for repair, please contact Opto 22's Product Support Group at 800-835-6786 or 951-695-3080 for help with troubleshooting and to request an RMA number. In order to be processed properly, the RMA number must be on the shipping label when the package is received by Opto 22.

Testing Fee

A testing fee of \$50 is charged for each item sent in for testing or repair. However, this fee is waived if ANY of the following is true:

- We confirm the failure of a *warranty** unit, OR
- You elect to have a repairable *non-warranty** unit repaired for the repair fee, OR
- You troubleshoot with the Opto 22 Product Support Group before the RMA and we find nothing wrong with the unit.

NOTES

Warranty units are those that were not damaged by field/application issues and are within the warranty period.

Non-warranty units are those that were damaged by field/application issues OR are beyond the warranty period.

In-Warranty Repairs

In-warranty units originally manufactured by Opto 22 will be repaired or replaced free of charge. See the Opto 22 Limited Lifetime Warranty ([page 2](#)) or the Limited 30-Month Warranty ([page 3](#)) for details. The repair does not extend the warranty beyond the original warranty period.

Out-of-Warranty Repairs

Any unit originally manufactured by Opto 22 that is out of warranty and is repairable can be repaired at a cost equal to half the current list price. (Note that solid-state relays and G1, G4, and Quad Pak I/O modules are not repairable items, but SNAP I/O modules are repairable.) The repaired unit will be given a new repair warranty. The new warranty period for out-of-warranty repairs of obsolete products will be the same length as the original warranty or until repair parts are no longer available, whichever comes first.

Products sold by Opto 22 but originally manufactured by others may have different warranty periods, repair costs, and post-repair warranties. Please contact Product Support for details.

Out-of-Warranty Replacement. If a unit is out of warranty and is not repairable, you can replace it with a new unit at the current list price, either directly from Opto 22 or through your normal source for Opto 22 products.

LIMITED LIFETIME WARRANTY: SOLID-STATE I/O MODULES AND SOLID-STATE RELAYS¹

Effective: Manufacturing date codes 1/96 or later

1. What is covered by this warranty.

OPTO 22 (OPTO) warrants, to the original purchaser only, that the product which is the subject of this sale is free from defects in material or workmanship. This is a lifetime warranty subject to the restrictions provided below. If the buyer discovers a failure of the product, or a defect in material or workmanship, the buyer must promptly notify OPTO's Technical Support Department or OPTO's authorized international distributor. Within a reasonable time after notification, OPTO will correct any failure of the product or any defect in material or workmanship, with either new or used or currently manufactured like kind replacement parts or products. Such repair, including both parts and labor, will be performed at OPTO's expense. Before the product is returned to OPTO or its authorized international distributor, buyer must receive a return authorization number from OPTO. The return authorization number must be conspicuously placed on the envelope or package when returning the product to OPTO. Failure to comply with this requirement will result in rejection of the product's return. Return shipping will be paid by OPTO unless the product is tested by OPTO and is found to be free from defects, in which case, buyer will (i) be responsible for all shipping and handling costs; and (ii) pay to OPTO the sum of \$50 for testing and service charges per item. All warranty service will be performed at service centers designated by OPTO. If OPTO is unable to repair the product to conform to the warranty after a reasonable number of attempts, OPTO will provide, at its option, one of the following: a currently manufactured replacement product or a full refund of the purchase price. These remedies are the purchaser's only remedies for breach of warranty. At OPTO's option, and with customer approval, OPTO may ship replacement products to buyer before OPTO receives buyer's returned product. In the event that buyer fails to return the defective product to OPTO or the product is found not to be defective, and OPTO has already shipped replacement product to buyer, buyer agrees to pay OPTO for the new products shipped to buyer plus shipping and handling charges. Information in OPTO's catalog or any other document is given after the exercise of due care in its compilation, preparation, and issuance; however, OPTO DISCLAIMS ANY LIABILITY RESULTING FROM SUCH INFORMATION, except for the obligation under the warranty provided above to replace the product or, at OPTO's option, to refund the purchase price to buyer. This limited warranty gives you specific legal rights. You may have others, which vary from state/ jurisdiction to state/jurisdiction.

2. What is not covered by this warranty.

OPTO does not warrant (a) any product, components, or parts not manufactured by OPTO; (b) the operation, malfunction, or failure of any equipment, computers, machines, or systems into which OPTO's products have been installed, incorporated, linked or tied; (c) defects caused by failure to provide a suitable installation environment for the product; (d) damage caused by use of the product for purposes other than those for which it was designed; (e) damage caused by disasters such as fire, flood, wind, and lightning; (f) damage caused by unauthorized attachments, treatments, or modifications; (g) damage during shipment; or (h) any other abuse or misuse by the purchaser. OPTO reserves the right to examine the alleged defective goods to determine whether the warranty is applicable.

3. Disclaimer of all other warranties.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, OPTO AND ITS DISTRIBUTORS DISCLAIM ALL OTHER WARRANTIES AND CONDITIONS, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

4. Limitation of remedies.

OPTO is an original equipment manufacturer. To the maximum extent permitted by applicable law, in no event will OPTO be liable for any special, incidental, or consequential damages to persons or property based on breach of warranty, breach of contract, negligence, strict liability, or any other legal theory. Damages that OPTO will not be responsible for include, but are not limited to, loss of profits; loss of savings or revenue; business interruption; loss of business information; wages and salaries; loss of use of the product or any associated equipment; cost of capital; cost of any substitute equipment, facilities, or services; downtime; the claims of third parties including customers; and injury to property even if OPTO has been advised of the possibility of such damages. Except as prohibited by applicable law, this limitation applies to claims for personal injury, loss of life, loss of consortium and wrongful death. Because some states and jurisdictions do not allow the exclusion or limitation of liability, the above limitation may not apply to buyer.

5. Time limit for bringing suit.

Any action for breach of warranty must be commenced within twelve (12) months from the earlier of: (i) the date the alleged breach of warranty occurs; or (ii) the date that buyer knew or should have known that a breach of warranty occurred.

1. All Opto 22 solid-state relays are guaranteed for life. Reed relay, SNAP serial communication modules, SNAP PID modules, and modules that contain mechanical contacts or switches are covered by the 30-month warranty.

6. No other warranties.

Unless modified in a writing signed by both parties, this agreement is understood to be the complete and exclusive agreement between the parties, superseding all oral or written prior agreements and all other communications between the parties relating to the subject matter of this agreement, including statements made by salespersons. No employee of OPTO or any other party is authorized to make any warranty in addition to those made in this agreement. The buyer is warned, therefore, to check this agreement carefully to see that it correctly reflects those terms that are important to the buyer. If any portion of this warranty is found to be unenforceable, the remaining provisions shall remain in full force and effect. If the product was acquired in the United States, this limited warranty is

governed by the laws of the State of California. If the product was acquired outside the United States, then local law may apply.

7. Allocation of risks.

This agreement allocates the risks of product failure between OPTO and the buyer. This allocation is recognized by both parties and is reflected in the price of the goods. The buyer acknowledges that it has read this agreement, understands it, agrees to it, and is bound by its terms by acceptance or use of the product. If buyer does not agree to the terms of this limited warranty, buyer should not accept or use the product; buyer may, however, return it to the place of purchase for a full refund.

LIMITED 30-MONTH WARRANTY

Effective: May, 2003

1. What is covered by this warranty.

OPTO 22 (OPTO) warrants, to the original purchaser only, that the product which is the subject of this sale is free from defects in material or workmanship. This warranty expires thirty (30) months from the date of manufacture. If the buyer discovers within this period a failure of the product or a defect in material or workmanship, the buyer must promptly notify OPTO's Technical Support Department or OPTO's authorized international distributor. In no event may the notification be received by OPTO later than thirty (30) months from the date of manufacture. Within a reasonable time after notification, OPTO will correct any failure of the product or any defect in material or workmanship, with either new or used or currently manufactured like kind replacement parts or products. Such repair, including both parts and labor, will be performed at OPTO's expense. Before the product is returned to OPTO or its authorized international distributor, buyer must receive a return authorization number from OPTO. The return authorization number must be conspicuously placed on the envelope or package when returning the product to OPTO. Failure to comply with this requirement will result in rejection of the product's return. Return shipping will be paid by OPTO unless the product is tested by OPTO and is found to be free from defects, in which case, buyer will (i) be responsible for all shipping and handling costs; and (ii) pay to OPTO the sum of \$50 for testing and service charges per item. All warranty service will be performed at service centers designated by OPTO. If OPTO is unable to repair the product to conform to the warranty after a reasonable number of attempts, OPTO will provide, at its option, one of the following: a currently manufactured replacement product or a full refund of the purchase price. These remedies are the purchaser's only remedies for breach of warranty. At OPTO's option, and with customer approval, OPTO may ship replacement products to buyer before OPTO receives buyer's returned product. In the event that buyer fails to return the defective product to OPTO or the product is found not to be defective, and OPTO has already shipped replacement product to buyer, buyer agrees to pay

OPTO for the new products shipped to buyer plus shipping and handling charges. Information in OPTO's catalog or any other document is given after the exercise of due care in its compilation, preparation, and issuance; however, OPTO DISCLAIMS ANY LIABILITY RESULTING FROM SUCH INFORMATION, except for the obligation under the warranty provided above to replace the product or, at OPTO's option, to refund the purchase price to buyer. This limited warranty gives you specific legal rights. You may have others, which vary from state/jurisdiction to state/jurisdiction.

2. What is not covered by this warranty.

OPTO does not warrant (a) any product, components, or parts not manufactured by OPTO; (b) the operation, malfunction, or failure of any equipment, computers, machines, or systems into which OPTO's products have been installed, incorporated, linked or tied; (c) defects caused by failure to provide a suitable installation environment for the product; (d) damage caused by use of the product for purposes other than those for which it was designed; (e) damage caused by disasters such as fire, flood, wind, and lightning; (f) damage caused by unauthorized attachments, treatments, or modifications; (g) damage during shipment; or (h) any other abuse or misuse by the purchaser. OPTO reserves the right to examine the alleged defective goods to determine whether the warranty is applicable.

3. Disclaimer of all other warranties.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, OPTO AND ITS DISTRIBUTORS DISCLAIM ALL OTHER WARRANTIES AND CONDITIONS, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

4. Limitation of remedies.

OPTO is an original equipment manufacturer. To the maximum extent permitted by applicable law, in no event will OPTO be liable for any special, incidental, or consequential damages to persons or property

based on breach of warranty, breach of contract, negligence, strict liability, or any other legal theory. Damages that OPTO will not be responsible for include, but are not limited to, loss of profits; loss of savings or revenue; business interruption; loss of business information; wages and salaries; loss of use of the product or any associated equipment; cost of capital; cost of any substitute equipment, facilities, or services; downtime; the claims of third parties including customers; and injury to property even if OPTO has been advised of the possibility of such damages. Except as prohibited by applicable law, this limitation applies to claims for personal injury, loss of life, loss of consortium and wrongful death. Because some states and jurisdictions do not allow the exclusion or limitation of liability, the above limitation may not apply to buyer.

5. Time limit for bringing suit.

Any action for breach of warranty must be commenced within twelve (12) months from the earlier of (i) the date the alleged breach of warranty occurs; or (ii) the date that buyer knew or should have known that a breach of warranty occurred.

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other communications between the parties relating to the subject matter of this agreement, including statements made by salespersons. No employee of OPTO or any other party is authorized to make any warranty in addition to those made in this agreement. The buyer is warned, therefore, to check this agreement carefully to see that it correctly reflects those terms that are important to the buyer. If any portion of this warranty is found to be unenforceable, all remaining provisions shall remain in full force and effect. If the product was acquired in the United States, this limited warranty is governed by the laws of the State of California. If the product was acquired outside the United States, then local law may apply.

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OPTO 22 PART NUMBERS AND APPLICABLE WARRANTIES

Part Number	Warranty	Notes
120A10	Lifetime	
120A25	Lifetime	
120D10	Lifetime	
120D25	Lifetime	
120D3	Lifetime	
120D45	Lifetime	
240A10	Lifetime	
240A25	Lifetime	
240A45	Lifetime	
240D10	Lifetime	
240D10-17	Lifetime	
240D25	Lifetime	
240D25-17	Lifetime	
240D25-18	Lifetime	
240D3	Lifetime	
240D30-HS	Lifetime	
240D45	Lifetime	

Part Number	Warranty	Notes
240D45-17	Lifetime	
240Di10	Lifetime	
240Di25	Lifetime	
240Di45	Lifetime	
380D25	Lifetime	
380D45	Lifetime	
480D10-12	Lifetime	
480D15-12	Lifetime	
480D25-12	Lifetime	
480D25-HS	Lifetime	
480D45-12	Lifetime	
575D15-12	Lifetime	
575D30-HS	Lifetime	
575D45-12	Lifetime	
575Di45-12	Lifetime	
AC24AT	30 months	
AC28	30 months	

Part Number	Warranty	Notes	Part Number	Warranty	Notes
AC30A	30 months		AD8T	Lifetime	
AC30B	30 months		AD9T	Lifetime	
AC31A	30 months		B1	30 months	
AC31B	30 months		B100	30 months	
AC31C	30 months		B2	30 months	
AC37	30 months		B200	30 months	
AC38A	30 months		B3000 (Obsolete)	30 months	
AC38B	30 months		B3000-B	30 months	
AC40A	30 months		B3000-HA	30 months	
AC40B	30 months		B4	30 months	
AC422AT	30 months		B5	30 months	
AC5	30 months		B6	30 months	
AC7	30 months		BRICKSTRAP	n/a	Raw material
AC7A	30 months		DA3	Lifetime	
AC7B	30 months		DA3T	Lifetime	
AC8	30 months		DA4	Lifetime	
AC8A	30 months		DA4T	Lifetime	
AD10T2	Lifetime		DA5	Lifetime	
AD11	Lifetime		DA6	Lifetime	
AD11T	Lifetime		DA7	Lifetime	
AD12	Lifetime		DA7T	Lifetime	
AD12T	Lifetime		DA8	Lifetime	
AD13T	Lifetime		DC200MP	Lifetime	
AD14T	Lifetime		DC200P	Lifetime	
AD15T	Lifetime		DC60MP	Lifetime	
AD16T	Lifetime		DC60P	Lifetime	
AD17T	Lifetime		DC60S3	Lifetime	
AD18T	Lifetime		DC60S5	Lifetime	
AD19T	Lifetime		E1	30 months	
AD2T	Lifetime		E2	30 months	
AD3	Lifetime		FACTORYFLOOR	n/a	Software
AD3T	Lifetime		FACTORYFLOOR MANUAL	n/a	Software
AD4	Lifetime		FUSE.125	n/a	Consumable part
AD5T	Lifetime		FUSE01	n/a	Consumable part
AD6	Lifetime		FUSE01G4	n/a	Consumable part
AD6HS	Lifetime		FUSE05	n/a	Consumable part
AD6T	Lifetime		FUSEG4	n/a	Consumable part
AD7	Lifetime		G4 FUSE CLIP	n/a	Raw material

Part Number	Warranty	Notes
G4 FUSE SOCKETS	n/a	Raw material
G4A8R	30 months	
G4ABRICK	30 months	
G4AC5	30 months	
G4AD10	Lifetime	
G4AD11	Lifetime	
G4AD12	Lifetime	
G4AD13	Lifetime	
G4AD16	Lifetime	
G4AD17	Lifetime	
G4AD18	Lifetime	
G4AD19	Lifetime	
G4AD22	Lifetime	
G4AD23	Lifetime	
G4AD24	Lifetime	
G4AD25	Lifetime	
G4AD26	Lifetime	
G4AD3	Lifetime	
G4AD4	Lifetime	
G4AD5	Lifetime	
G4AD6	Lifetime	
G4AD6HS	Lifetime	
G4AD7	Lifetime	
G4AD7HS	Lifetime	
G4AD8	Lifetime	
G4AD9	Lifetime	
G4BATT32	30 months	
G4D16R	30 months	
G4D32EB2	30 months	
G4D32EB2-UPG	30 months	
G4D32RS	30 months	
G4DA10	Lifetime	
G4DA3	Lifetime	
G4DA4	Lifetime	
G4DA5	Lifetime	
G4DA6	Lifetime	
G4DA7	Lifetime	
G4DA8	Lifetime	

Part Number	Warranty	Notes
G4DA9	Lifetime	
G4DBRICK	30 months	
G4EB2	30 months	
G4EXR	30 months	
G4IAC15	Lifetime	
G4IAC15A	Lifetime	
G4IAC24	Lifetime	
G4IAC24A	Lifetime	
G4IAC5	Lifetime	
G4IAC5A	Lifetime	
G4IAC5L	Lifetime	
G4IAC5MA	30 months	
G4IDC15	Lifetime	
G4IDC24	Lifetime	
G4IDC5	Lifetime	
G4IDC5B	Lifetime	
G4IDC5D	Lifetime	
G4IDC5G	Lifetime	
G4IDC5K	Lifetime	
G4IDC5MA	30 months	
G4IDC5Q	Lifetime	
G4IDC5-SW	Lifetime	
G4IDC5-SWNC	Lifetime	
G4IOR	30 months	
G4LC32	30 months	
G4LC32ARC	30 months	
G4LC32F1M	n/a	Memory
G4LC32ISA	30 months	
G4LC32ISAARC	30 months	
G4LC32ISA-LT	30 months	
G4LC32ISASER	30 months	
G4LC32SER	30 months	
G4LC32SX	30 months	
G4LC32SXF1M	n/a	Memory
G4-MOD-SOCKETS	n/a	Raw material
G4OAC15	Lifetime	
G4OAC15A	Lifetime	
G4OAC24	Lifetime	

Part Number	Warranty	Notes	Part Number	Warranty	Notes
G4OAC24A	Lifetime		G4PS24XA	30 months	
G4OAC5	Lifetime		G4RA	30 months	
G4OAC5A	Lifetime		G4RAM1M	n/a	Memory
G4OAC5A5	Lifetime		G4RAM4M	n/a	Memory
G4OAC5A5FM(Obsolete)	Lifetime		G4RAX	30 months	
G4OAC5AFM (Obsolete)	Lifetime		G4RCOMMKIT	30 months	
G4OAC5AMA	30 months		G4RD	30 months	
G4OAC5FM (Obsolete)	Lifetime		G4REG	30 months	
G4OAC5MA	30 months		G4RPANEL	30 months	
G4ODC15	Lifetime		G4STRAP	30 months	
G4ODC24	Lifetime		G4SWIN	30 months	
G4ODC24A	Lifetime		G4SWOUT	30 months	
G4ODC5	Lifetime		G4TERMR	30 months	
G4ODC5A	Lifetime		GROOV-AR1	30 months	
G4ODC5AFM (Obsolete)	Lifetime		GROOV-AR1-BASE	30 months	
G4ODC5FM(Obsolete)	Lifetime		GROOV-AR1-SNAP	30 months	
G4ODC5MA	30 months		GROOV-AT1	30 months	
G4ODC5R	30 months or	mechanical life = 5 million cycles	GROOV-AT1-SNAP	30 months	
G4ODC5R5	mechanical		GROOV-LIC-CRE	n/a	Software
G4ODC5R5FM (Obsolete)	life, which-		GROOV-LIC-EDGE	n/a	Software
G4ODC5RFM (Obsolete)	ever comes		GROOV-LIC-EDGE8	n/a	Software
G4PB16	30 months		GROOV-LIC-ENT	n/a	Software
G4PB16H	30 months		GROOV-LIC-OPC	n/a	Software
G4PB16HC	30 months		GROOV-LIC-PLUS	n/a	Software
G4PB16I	30 months		GROOV-LIC-SHELL	n/a	Software
G4PB16J	30 months		GROOV-SVR-WIN	n/a	Software
G4PB16K	30 months		GROOV-SVR-WIN-SNAP	n/a	Software
G4PB16L	30 months		GROOV-SNAP-UPG	n/a	Software
G4PB16T	30 months		GRV-ENC-POLY-SM	30 months	
G4PB24	30 months		GRV-ENC-POLY-MD	30 months	
G4PB32DEC	30 months		GRV-EPIC-BATT-BR2032-3	n/a	Consumable part
G4PB32H	30 months		GRV-EPIC-CHS0	30 months	
G4PB4	30 months		GRV-EPIC-CHS4	30 months	
G4PB4R	30 months		GRV-EPIC-CHS8	30 months	
G4PB8	30 months		GRV-EPIC-CHS16	30 months	
G4PB8H	30 months		GRV-EPIC-LC	30 months	
G4-PEM-NUTS	n/a	Raw material	GRV-EPIC-LC2	30 months	
G4PS245A	30 months		GRV-EPIC-PR1	30 months	

Part Number	Warranty	Notes
GRV-EPIC-PR2	30 months	
GRV-EPIC-PSAC	30 months	
GRV-EPIC-PSAC-FUSE-5	n/a	Consumable part
GRV-EPIC-PSDC	30 months	
GRV-EPIC-PSDC-FUSE-5	n/a	Consumable part
GRV-EPIC-PSPT	30 months	
GRV-EPIC-PSPT-FUSE-5	n/a	Consumable part
GRV-CCANI-2	30 months	
GRV-CSERI-4	30 months	
GRV-IAC-24	Lifetime	
GRV-IACDCTTL-24	Lifetime	
GRV-IACDCTTLS-24	Lifetime	
GRV-IACHV-24	Lifetime	
GRV-IACHVS-24	Lifetime	
GRV-IACI-12	Lifetime	
GRV-IACIHV-12	Lifetime	
GRV-IACIHVS-12	Lifetime	
GRV-IACIS-12	Lifetime	
GRV-IACS-24	Lifetime	
GRV-IDC-24	Lifetime	
GRV-IDCI-12	Lifetime	
GRV-IDCIFQ-12	Lifetime	
GRV-IDCIS-12	Lifetime	
GRV-IDCS-24	Lifetime	
GRV-IDCSW-12	Lifetime	
GRV-IICTD-12	Lifetime	
GRV-IMA-24	Lifetime	
GRV-IMAI-8	Lifetime	
GRV-IRTD-8	Lifetime	
GRV-ITM-12	Lifetime	
GRV-ITMI-8	Lifetime	
GRV-ITR-12	Lifetime	
GRV-IV-24	Lifetime	
GRV-IVAPM-3	Lifetime	
GRV-IVI-12	Lifetime	
GRV-IVIRMS-10	Lifetime	
GRV-MM1001-10	30 months	
GRV-OAC-12	Lifetime	

Part Number	Warranty	Notes
GRV-OACI-12	Lifetime	
GRV-OACIS-12	Lifetime	
GRV-OACS-12	Lifetime	
GRV-ODCI-12	Lifetime	
GRV-ODCIS-12	Lifetime	
GRV-ODCSRC-24	Lifetime	
GRV-OMRIS-8	30 months	
GRV-OVMAILP-8	Lifetime	
GRV-OVMALC-8	Lifetime	
GRV-R7-MM1001-10	30 months	
GRV-R7-MM2001-10	30 months	
GRV-R7-I1VAPM-3	30 months	
GRV-TERM26-5	30 months	
GRV-TERMG26-5	30 months	
GRV-TERMPM13-5	30 months	
GRV-TEX-26F6	30 months	
GRV-TEX-RCTM-5	n/a	Consumable part
GRV-TEX-SCTOOL	n/a	Consumable part
HH1.5	30 months	
HH10	30 months	
HH4	30 months	
HH6	30 months	
HH8	30 months	
IAC15	Lifetime	
IAC15A	Lifetime	
IAC24	Lifetime	
IAC24A	Lifetime	
IAC5	Lifetime	
IAC5A	Lifetime	
IAC5AQ	Lifetime	
IAC5P	Lifetime	
IAC5Q	Lifetime	
ICTD	30 months	
ICTD-P2	30 months	
ICTD-P3	30 months	
IDC15	Lifetime	
IDC24	Lifetime	
IDC5	Lifetime	

Part Number	Warranty	Notes	Part Number	Warranty	Notes
IDC5B	Lifetime		MP240D4	Lifetime	
IDC5BQ	Lifetime		MP240D4-17	Lifetime	
IDC5D	Lifetime		MP380D4	Lifetime	
IDC5G	Lifetime		N-TRON302MC-N-ST	mfr's warranty	N-TRON Corp.—3 years from date of purchase
IDC5P	Lifetime		N-TRON304TX-N	mfr's warranty	
IDC5Q	Lifetime		N-TRON306FX2-N-ST	mfr's warranty	
INPUT SWITCH	30 months		N-TRON308TX-N	mfr's warranty	
IOCONTROLBAS	n/a	Software	N-TRON508FX2-A-ST-S	mfr's warranty	
IOCONTROLPRO	n/a	Software	N-TRON508TX-A	mfr's warranty	
IODISPLAYBAS	n/a	Software	N-TRON516TX-A	mfr's warranty	
IODISPLAYPRO	n/a	Software	N-TRON517FX-A-ST-S	mfr's warranty	
IOMANAGER	n/a	Software	N-TRON700-PM	mfr's warranty	
IOP-DEV-OPTOMMP	n/a	Software	N-TRON700-W-PM	mfr's warranty	
IOP-DEV-OPTOMMP-LX	n/a	Software	N-TRON702-W	mfr's warranty	
IOP-INT-MBSER	n/a	Software	N-TRON708FX2-ST	mfr's warranty	
IOP-INT-MBTCP	n/a	Software	N-TRON708TX	mfr's warranty	
IOPROJECTBAS	n/a	Software	N-TRON716FX2-ST	mfr's warranty	
IOPROJECTDOCS	n/a	Software	N-TRON716TX	mfr's warranty	
IOPROJECTPRO	n/a	Software	N-TRON900-PM	mfr's warranty	
LC4A	30 months		OAC15	Lifetime	
M4	30 months		OAC15A	Lifetime	
M4DUALARC	30 months		OAC24	Lifetime	
M4PS120A	30 months		OAC24A	Lifetime	
M4PS125D	30 months		OAC24H	Lifetime	
M4PS12D	30 months		OAC5	Lifetime	
M4PS240A	30 months		OAC5A	Lifetime	
M4PS24D	30 months		OAC5A5	Lifetime	
M4PS48D	30 months				
M4RTU	30 months				
M4RTUX	30 months				
M4SARC	30 months				
M4SARCF	30 months				
M4SARCFR	30 months				
M4SENET-100	30 months				
M4SSER	30 months				
MP120D2	Lifetime				
MP120D4	Lifetime				
MP240D2	Lifetime				

Part Number	Warranty	Notes
OAC5H	Lifetime	
OAC5P	Lifetime	
OAC5Q	Lifetime	
OD10	30 months	
OD2	30 months	
OD4	30 months	
OD6	30 months	
OD8	30 months	
ODC15	Lifetime	
ODC15A	Lifetime	
ODC24	Lifetime	
ODC24A	Lifetime	
ODC5	Lifetime	
ODC5A	Lifetime	
ODC5AQ	Lifetime	
ODC5P	Lifetime	
ODC5Q	Lifetime	
ODC5R	30 months or mechanical life, whichever comes first	mechanical life = 5 million cycles
OPTO-P1-40P	30 months	
OPTODATALINK	n/a	Software
OPTODRIVER	n/a	Software

Part Number	Warranty	Notes
OPTOEMU-ACT-0750-050	mfr's warranty	
OPTOEMU-ACT-0750-100	mfr's warranty	
OPTOEMU-ACT-0750-250	mfr's warranty	
OPTOEMU-ACT-1250-250	mfr's warranty	
OPTOEMU-ACT-1250-400	mfr's warranty	Continental Control Systems—5 years from original date of shipment
OPTOEMU-ACT-1250-600	mfr's warranty	
OPTOEMU-CTS-0750-70	mfr's warranty	
OPTOEMU-CTS-0750-150	mfr's warranty	
OPTOEMU-CTS-1250-400	mfr's warranty	
OPTOEMU-CTS-2000-600	mfr's warranty	
OPTOEMU-PT600	30 months	
OPTOEMU-SNR-3V	30 months	
OPTOEMU-SNR-DR1	30 months	
OPTOEMU-SNR-DR2	30 months	
OPTOINTAB	n/a	Software
OPTOINTMB	n/a	Software
OPTOMIB1	n/a	Software
OPTOMIB2	n/a	Software
OPTOOPCSERVER	n/a	Software
OPTOTERM CABLE	30 months	
OPTOTERMAL-G20	30 months	
OPTOTERMAL-G70	mfr's warranty	QSI—18 months from date mfg'd
OPTOTERMAL-G75	mfr's warranty	
OUTPUT SWITCH	30 months	
P120D2	Lifetime	
P120D4	Lifetime	
P240D2	Lifetime	
P240D4	Lifetime	
PAC POSTER SET	n/a	Consumable
PACCONTROLBAS	n/a	Software

Part Number	Warranty	Notes
PACCONTROLPRO	n/a	Software
PACDISPLAYBAS	n/a	Software
PACDISPLAYPRO	n/a	Software
PAC-DEV-CONTROLLER-DOT-NET	n/a	Software
PAC-DEV-HART-DOTNET	n/a	Software
PAC-DEV-OPTOMMP-CPLUS	n/a	Software
PAC-DEV-OPTOMMP-DOTNET	n/a	Software
PAC-INT-ABDF1	n/a	Software
PAC-INT-BAC	n/a	Software
PAC-INT-CAN-RX	n/a	Software
PAC-INT-CAN-RXTX	n/a	Software
PAC-INT-DNP3	n/a	Software
PAC-INT-IEC60870-5	n/a	Software
PAC-INT-MB	n/a	Software
PAC-INT-MBBAS	n/a	Software
PAC-INT-MBSER	n/a	Software
PAC-INT-MBTCP	n/a	Software
PAC-INT-OMUX	n/a	Software
PAC-INT-TL1	n/a	Software
PACMANAGER	n/a	Software
PACPROJECTBAS	n/a	Software
PACPROJECTDOCS	n/a	Software
PACPROJECTPRO	n/a	Software
PACTERMSSD	n/a	Software
PB16A	30 months	
PB16AH	30 months	
PB16C	30 months	
PB16H	30 months	
PB16HC	30 months	
PB16HQ	30 months	
PB16J	30 months	
PB16K	30 months	
PB16L	30 months	
PB16T	30 months	
PB24	30 months	
PB24HQ	30 months	
PB24Q	30 months	

Part Number	Warranty	Notes
PB32DEC	30 months	
PB32HQ	30 months	
PB4	30 months	
PB4AH	30 months	
PB4H	30 months	
PB4MOA	30 months	
PB4R	30 months	
PB8	30 months	
PB8AH	30 months	
PB8H	30 months	
PBSA	30 months	
PBSB	30 months	
PBSC	30 months	
PC-DIRECT-SDK	n/a	Software
PC-PAMUX-SDK	n/a	Software
PCI-AC48	30 months	
PCI-AC5	30 months	
PCI-AC51	30 months	
PCI-AC-TOOLKIT	n/a	Software
PR JAM PACD MOUSE PAD	n/a	Consumable
PR OPTO LED LIGHT	n/a	Consumable
PR OPTO MUG BLK PLASTIC	n/a	Consumable
PR OPTO SHIRT BURGUNDY-L	n/a	Consumable
PR OPTO SHIRT BURGUNDY-M	n/a	Consumable
PR OPTO SHIRT BURGUNDY-XL	n/a	Consumable
PR OPTO SHIRT BURGUNDY-XXL	n/a	Consumable
PR PAC POLO MAROON-L	n/a	Consumable
PR PAC POLO MAROON-M	n/a	Consumable
PR PAC POLO MAROON-S	n/a	Consumable
PR PAC POLO MAROON-XL	n/a	Consumable
PR PAC POLO MAROON-XXL	n/a	Consumable
PR PAC POLO PAPAYA-L	n/a	Consumable
PR PAC POLO PAPAYA-M	n/a	Consumable
PR PAC POLO PAPAYA-S	n/a	Consumable
PR PAC POLO PAPAYA-XL	n/a	Consumable
PR PAC POLO PAPAYA-XXL	n/a	Consumable
PR POLO CHARCOAL-L	n/a	Consumable

Part Number	Warranty	Notes
PR POLO CHARCOAL-M	n/a	Consumable
PR POLO CHARCOAL-S	n/a	Consumable
PR POLO CHARCOAL-XL	n/a	Consumable
PR POLO CHARCOAL-XXL	n/a	Consumable
REMOTE CABLE200	30 months	
RTCBATT	30 months	
SAFETY COVER	30 months	
SBTA	30 months	
SNAP-AIARMS	Lifetime	
SNAP-AIARMS-i	Lifetime	
SNAP-AIARMS-i-FM (Obsolete)	Lifetime	
SNAP-AICTD	Lifetime	
SNAP-AICTD-4	Lifetime	
SNAP-AICTD-8	Lifetime	
SNAP-AILC	Lifetime	
SNAP-AILC-2	Lifetime	
SNAP-AIMA	Lifetime	
SNAP-AIMA2-i	Lifetime	
SNAP-AIMA-32	Lifetime	
SNAP-AIMA-32-FM (Obsolete)	Lifetime	
SNAP-AIMA-4	Lifetime	
SNAP-AIMA-8	Lifetime	
SNAP-AIMA-8-FM	Lifetime	
SNAP-AIMA-HDB	30 months	
SNAP-AIMA-HDB-FM (Obsolete)	30 months	
SNAP-AIMA-i	Lifetime	
SNAP-AIMA-iH	Lifetime	
SNAP-AIMA-iSRC	Lifetime	
SNAP-AIMA-iSRC-FM (Obsolete)	Lifetime	
SNAP-AIMV2-4	Lifetime	
SNAP-AIMV-4	Lifetime	
SNAP-AIPM	Lifetime	
SNAP-AIPM-3	Lifetime	
SNAP-AIPM-3V	Lifetime	
SNAP-AIR40K-4	Lifetime	
SNAP-AIRATE	Lifetime	

Part Number	Warranty	Notes
SNAP-AIRATE-HFi	Lifetime	
SNAP-AIRTD	Lifetime	
SNAP-AIRTD-10	Lifetime	
SNAP-AIRTD-1K	Lifetime	
SNAP-AIRTD-8U	Lifetime	
SNAP-AITM	Lifetime	
SNAP-AITM-2	Lifetime	
SNAP-AITM2-i	Lifetime	
SNAP-AITM-8	Lifetime	
SNAP-AITM-i	Lifetime	
SNAP-AIV	Lifetime	
SNAP-AIV2-i	Lifetime	
SNAP-AIV-32	Lifetime	
SNAP-AIV-32-FM (Obsolete)	Lifetime	
SNAP-AIV-4	Lifetime	
SNAP-AIV-72	Lifetime	
SNAP-AIV-8	Lifetime	
SNAP-AIV-HDB	30 months	
SNAP-AIV-HDB-FM (Obsolete)	30 months	
SNAP-AIV-i	Lifetime	
SNAP-AIVRMS	Lifetime	
SNAP-AIVRMS-i	Lifetime	
SNAP-AIVRMS-i-FM (Obsolete)	Lifetime	
SNAP-AOA-23	Lifetime	
SNAP-AOA-23-iH	Lifetime	
SNAP-AOA-23-iSRC	Lifetime	
SNAP-AOA-23-iSRC-FM (Obsolete)	Lifetime	
SNAP-AOA-28	Lifetime	
SNAP-AOA-3	Lifetime	
SNAP-AOA-3-16	Lifetime	
SNAP-AOD-29	Lifetime	
SNAP-AOD-29-HFi	Lifetime	
SNAP-AOV-25	Lifetime	
SNAP-AOV-27	Lifetime	
SNAP-AOV-5	Lifetime	
SNAP-AOVA-8	Lifetime	
SNAP-B12M	30 months	

Part Number	Warranty	Notes	Part Number	Warranty	Notes
SNAP-B12MC	30 months		SNAP-FUSE7.5AB	n/a	Consumable part
SNAP-B12MC-P	30 months		SNAP-HD-ACF6	30 months	
SNAP-B16M	30 months		SNAP-HD-BF6	30 months	
SNAP-B16MC	30 months		SNAP-HD-CBF6	30 months	
SNAP-B16MC-P	30 months		SNAP-HD-G4F6	30 months	
SNAP-B3000-ENET	30 months		SNAP-IAC-16	Lifetime	
SNAP-B3000-MODBUS	30 months		SNAP-IAC5	Lifetime	
SNAP-B4	30 months		SNAP-IAC5A	Lifetime	
SNAP-B4M	30 months		SNAP-IAC5AFM (Obsolete)	Lifetime	
SNAP-B6	30 months		SNAP-IAC5FM (Obsolete)	Lifetime	
SNAP-B8M	30 months		SNAP-IAC5MA	30 months	
SNAP-B8MC	30 months		SNAP-IAC-A-16	Lifetime	
SNAP-B8MC-P	30 months		SNAP-IAC-K-16	Lifetime	
SNAP-BRS	30 months		SNAP-IDC-16	Lifetime	
SNAP-BRS-HA	30 months		SNAP-IDC-32	Lifetime	
SNAP-CDBBDIN	30 months		SNAP-IDC-32-FM (Obsolete)	Lifetime	
SNAP-D12M	30 months		SNAP-IDC-32D	Lifetime	
SNAP-D12MC	30 months		SNAP-IDC-32DN	Lifetime	
SNAP-D12MC-P	30 months		SNAP-IDC-32N	Lifetime	
SNAP-D4M	30 months		SNAP-IDC5	Lifetime	
SNAP-D4MC	30 months		SNAP-IDC5D	Lifetime	
SNAP-D4MC-P	30 months		SNAP-IDC5DFM (Obsolete)	Lifetime	
SNAP-D64RS	30 months		SNAP-IDC5FAST	Lifetime	
SNAP-D6M	30 months		SNAP-IDC5-FAST-A	Lifetime	
SNAP-D6MC	30 months		SNAP-IDC5FM (Obsolete)	Lifetime	
SNAP-D6MC-P	30 months		SNAP-IDC5G	Lifetime	
SNAP-D8M	30 months		SNAP-IDC5-HT	Lifetime	
SNAP-D8MC	30 months		SNAP-IDC5MA	30 months	
SNAP-D8MC-P	30 months		SNAP-IDC5Q	Lifetime	
SNAP-DNP-ASDS	30 months		SNAP-IDC5-SW	Lifetime	
SNAP-ENET-D64	30 months		SNAP-IDC5-SW-NC	Lifetime	
SNAP-ENET-RTC	30 months		SNAP-IDC-HDB	30 months	
SNAP-ENET-S64	30 months		SNAP-IDC-HDB-FM (Obsolete)	30 months	
SNAP-FIELDCONB	30 months		SNAP-IO4ABLC	30 months	
SNAP-FUSE1AB	n/a	Consumable part	SNAP-IT-EMU1	30 months	
SNAP-FUSE1AC	n/a	Consumable part	SNAP-LCE	30 months	
SNAP-FUSE2AB	n/a	Consumable part	SNAP-LCM4	30 months	
SNAP-FUSE4AB	n/a	Consumable part	SNAP-LCM4DIN	30 months	

Part Number	Warranty	Notes
SNAP-LCSX	30 months	
SNAP-LCSX-PLUS	30 months	
SNAP-MODFUSEHLDRB	30 months	
SNAP-MODLATCHB	30 months	
SNAP-MODTOOL	n/a	Consumable part
SNAP-MR10	n/a	Consumable part
SNAP-OAC5	Lifetime	
SNAP-OAC5FM (Obsolete)	Lifetime	
SNAP-OAC5-I	Lifetime	
SNAP-OAC5-IFM (Obsolete)	Lifetime	
SNAP-OAC5MA	30 months	
SNAP-ODC-32-SNK	Lifetime	
SNAP-ODC-32-SNK-FM (Obsolete)	Lifetime	
SNAP-ODC-32-SRC	Lifetime	
SNAP-ODC-32-SRC-FM (Obsolete)	Lifetime	
SNAP-ODC5A-I	Lifetime	
SNAP-ODC5A-IFM (Obsolete)	Lifetime	
SNAP-ODC5ASNK	Lifetime	
SNAP-ODC5-I	Lifetime	
SNAP-ODC5-IFM (Obsolete)	Lifetime	
SNAP-ODC5MA	30 months	
SNAP-ODC5R	30 months or	mechanical life = 200,000,000 cycles
SNAP-ODC5R5	mechanical	
SNAP-ODC5R5FM (Obsolete)	life, which- ever comes	
SNAP-ODC5R5FM (Obsolete)	first	
SNAP-ODC5SNK	Lifetime	
SNAP-ODC5SNKFM (Obsolete)	Lifetime	
SNAP-ODC5SRC	Lifetime	
SNAP-ODC5SRCFM (Obsolete)	Lifetime	
SNAP-ODC-HDB	30 months	
SNAP-ODC-HDB-FM (Obsolete)	30 months	
SNAP-OMR6-A	30 months	
SNAP-OMR6-C	30 months	
SNAP-OMR6T-C	30 months	

Part Number	Warranty	Notes
SNAP-PAC-EB1	30 months	
SNAP-PAC-EB1-FM (Obsolete)	30 months	
SNAP-PAC-EB1-W	30 months	
SNAP-PAC-EB2	30 months	
SNAP-PAC-EB2-FM (Obsolete)	30 months	
SNAP-PAC-EB2-W	30 months	
SNAP-PACLC	30 months	
SNAP-PAC-R1	30 months	
SNAP-PAC-R1-B	30 months	
SNAP-PAC-R1-FM (Obsolete)	30 months	
SNAP-PAC-R1-W	30 months	
SNAP-PAC-R2	30 months	
SNAP-PAC-R2-FM (Obsolete)	30 months	
SNAP-PAC-R2-W	30 months	
SNAP-PAC-RCK12	30 months	
SNAP-PAC-RCK12-FM (Obsolete)	30 months	
SNAP-PAC-RCK16	30 months	
SNAP-PAC-RCK16-FM (Obsolete)	30 months	
SNAP-PAC-RCK4	30 months	
SNAP-PAC-RCK4-FM (Obsolete)	30 months	
SNAP-PAC-RCK8	30 months	
SNAP-PAC-RCK8-FM (Obsolete)	30 months	
SNAP-PAC-S1	30 months	
SNAP-PAC-S1-FM (Obsolete)	30 months	
SNAP-PAC-S1-W	30 months	
SNAP-PAC-S2	30 months	
SNAP-PAC-S2-W	30 months	
SNAP-PAC-SB1	30 months	
SNAP-PAC-SB2	30 months	
SNAP-PDPRS64	30 months	
SNAP-pH/ORP	Lifetime	
SNAP-PID-V	30 months	
SNAP-PS24	30 months	
SNAP-PS24U	30 months	
SNAP-PS5	30 months	

Part Number	Warranty	Notes
SNAP-PS5-24DC	30 months	
SNAP-PS5U	30 months	
SNAP-PSDIN	30 months	
SNAP-PSUDIN	30 months	
SNAP-RACKDIN	30 months	
SNAP-RACKDINB	30 months	
SNAP-RCK-B2M	30 months	
SNAP-RCK-M2B	30 months	
SNAP-S2DIN	30 months	
SNAP-SCM-232	30 months	
SNAP-SCM-485-422	30 months	
SNAP-SCM-BB4	30 months	
SNAP-SCM-CAN2B	30 months	
SNAP-SCM-MCH16	30 months	
SNAP-SCM-PROFI	30 months	
SNAP-SCM-SSI	30 months	
SNAP-SCM-W2	30 months	
SNAP-SCM-ST2	30 months	
SNAP-STRAP	30 months	
SNAP-TEX-32	30 months	
SNAP-TEX-CBE6	30 months	
SNAP-TEX-CBO6	30 months	
SNAP-TEX-CBS6	30 months	
SNAP-TEX-DRC10	30 months	
SNAP-TEX-FB16-H	30 months	
SNAP-TEX-FB16-L	30 months	
SNAP-TEX-MR10-16	30 months	
SNAP-TEX-MR10-4	30 months	
SNAP-TEX-REC10N	30 months	
SNAP-TEX-REC10W	30 months	
SNAP-UDC-HDB	30 months	
SNAP-UDC-HDB-G4	30 months	
SNAP-UP1-ADS	30 months	
SNAP-UP1-D64	30 months	
SNAP-UP1-M64	30 months	
SNAP-WIRESTRAP	30 months	
SOFTPAC	n/a	Software
SSR-HS	Lifetime	

Part Number	Warranty	Notes
SSR-THERMOPAD	n/a	Consumable part
STRAP2	30 months	
STRAP2Q	30 months	
STRAP4Q	30 months	
STRAP8	30 months	
TERM 1	30 months	
TERM 2	30 months	
Z120D10	Lifetime	
Z240D10	Lifetime	
Z240D10-17	Lifetime	