Low Signal Relay

- Compact fourth generation design, offers excellent board space savings.
- Available in 2.54 and 3.2 mm coil-contact terminal spacing.
- "-Y" models meet 2.5 kV Bellcore surge requirements.
- Conforms to FCC Part 68.
- Terminal design based on Omron's successful G6S relay.
- Available in PCB through-hole, SMT gullwing and SMT "inside-L" terminals.
- UL recognized / CSA certified.
- Available in single coil latching.
- RoHS Compliant.

Ordering Information

To Order: Select the part number and add the desired coil voltage rating (e.g., G6K-2F-DC5).



Terminal	Contact form	Model				
	WIIW V	Non-latching 2.54 mm spacing	Non-latching 3.2 mm coil-contact terminal spacing	Single coil latching 3.2 mm coil-contact terminal spacing		
Gullwing	DPDT	G6K-2F	G6K-2F-Y	G6KU-2F-Y		
Inside "L"	W. NO	G6K-2G	G6K-2G-Y	G6KU-2G-Y		
PCB through-hole		G6K-2P	G6K-2P-Y	G6KU-2P-Y		

When ordering tape packing (surface mount versions), add "-TR" to the model number (e.g., G6K-2G-TR-DC5)

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Specifications

Contact Data

Load	Resistive load (cos	WWW MONTON TW
Rated load	0.3 A at 125 VAC	MAN N CONT.
WW 100Y.CO	1 A at 30 VDC	W.100
Contact material	Ag (Au clad)	WW 100Y. CONTW
Max. carry current	1A	WWW. ON.COM
Max. operating voltage	125 VAC, 60 VDC	W.IOO COM.
Max. operating current	1A	WT 1001. M.
Max. switching capacity	37.5 VA, 30W	WWW MONT.CO.
Min. permissible load (See note)	10 μA at 10 mVDC	COM

Note: This value was measured at a switching frequency of 120 operations/min and the criterion of contact resistance is 50 Ω. This value may vary depending on the switching frequency and operating environment. Always double-check relay suitability under actual operating conditions.

■ Coil Data

G6K- 2.5 mm coil-contact terminal spacing, standard, non-latching (G6K-2F, G6K-2G, G6K-2P) G6K- 3.2 mm coil-contact terminal spacing, non-latching (G6K-2F-Y, G6K-2G-Y, G6K-2P-Y)

Rated voltage	Rated current	Coil resistance	Pick-up voltage	Dropout voltage	Maximum voltage	Power consumption
(VDC)	(mA)	(Ω)	% of rated value			(mW)
3	33.0	91	80% max.	10% min.	150% max.	Approx. 100
4.5	23.2	194	WT.M.	N 1001.C	@ 23°C to 70°C	
5 000	21.1	237	W	WWW. OOY.	WT	
6	17.6	341	ON.	WW.Loo	CONTRACTOR	
9	11.3	795	M.T.Y	W 1001	COM	
12	9.1	1,315	CON TW	WW 100	WT.I.	
24	4.6	5,220	CONT	WWW.L	V.CONT	

G6KU- 3.2 mm spacing, single coil latching (G6KU-2F-Y, G6KU-2G-Y, G6KU-2P-Y)

Rated voltage	Rated current	Coil resistance	Set-up voltage	Reset voltage	Maximum voltage	Power consumption	
(VDC)	(mA)	(Ω)	% of rated value			(mW)	
3	33.0	91	75% max.	75% min.	150% max.	Approx. 100	
4.5	23.2	194	N.COM	WW W	@ 23°C to 70°C	N	
5	21.1	237	.100 COM.	WITE IN	W.IO. COM.	N/	
6	17.6	341	N 100Y. COM		W.1001. COM		
9	11.3	795	I MAY COM	W WI	1007.00	WT.	
12	9.1	1,315	W. W. CON	11 110	NW. TONY.COM	WT.	
24	4.6	5,220	W.100 1. CO		WW.100 CO	1.1	

Note: 1. The rated current and coil resistance are measured at a coil temperature of 23°C with a tolerance of ± 10%. 100X.COM.

2. The operating characteristics are measured at a coil temperature of 23°C unless otherwise specified.

3. Pick-up voltage will vary with temperature

WWW.100Y.COM: 4. The maximum voltage is the highest voltage that can be imposed on the relay coil instantaneously.

■ Characteristics

Contact resistance (See	note 1)	100 mΩ max.			
Operate (set) time (See n	ote 2)	3 ms max. (Approx. 1.4 ms - standard. Approx. 1.2 ms - latching)			
Release (set) time (See r	note 2)	3 ms max. (Approx. 1.3 ms - standard. Approx. 1.2 ms - latching)			
Insulation resistance (Se	e note 3)	1,000 MΩ min. (at 500 VDC)			
Dielectric strength		1,500 VAC for 1 minute between coil contacts 1,000 VAC for 1 minute between contacts of different poles 750 VAC for 1 minute between contacts of the same pole			
Surge withstand voltage	"-Y' versions	2,500 V, (2 x 10 μ s) between coil and contacts. (Conforms to Bellcore specifications)			
	Standard versions	1,500 V, (10 x 160 $\mu s)$ between coil and contacts / contacts of different and same polarity (Conforms to FCC Part 68)			
Vibration	Mechanical durability	10 to 55 Hz; 5.0 mm double amplitude			
	Malfunction durability	10 to 55 Hz; 3.3 mm double amplitude			
Shock	Mechanical durability	1,000 m/s ² (approx. 100G)			
	Malfunction durability	750 m/s ² (approx. 75G)			
Ambient temperature	WW 100X.C	-40°C to 70°C with no icing or condensation			
Humidity		5 to 85% RH			
Service life	Mechanical	50,000,000 operations min. (at 36,000 operations per hour)			
	Electrical	100,000 operations min. at rated load (at 1,800 operations per hour)			
Weight		Approx. 0.7 g			

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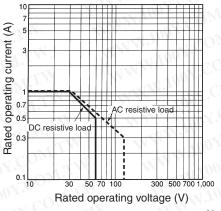
2. Values in parentheses are typical values unless otherwise stated.

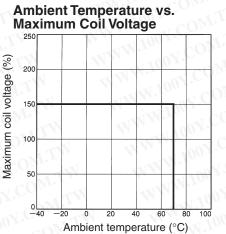
3. The insulation resistance was measured with a 500-VDC megohmmeter applied to the same parts as those for checking the dielectric strength. WWW.100X.COM. WWW.100Y

4. Data shown are of initial value.

Characteristic data

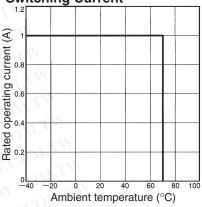
Maximum Switching Capacity



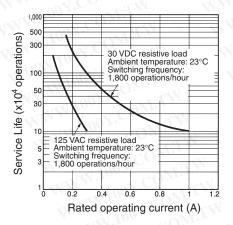


The maximum coil voltage refers to the maxi-mum value in a varying range of operating power voltage, not a continuous voltage. Note:

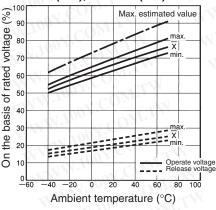
Ambient Temperature vs. Switching Current



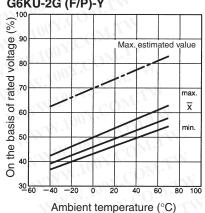
Electrical Service Life

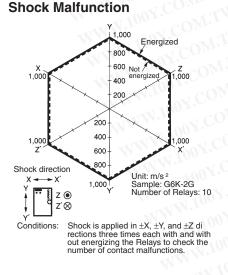


Ambient Temperature vs. Must **Operate or Must Release Voltage** G6K-2G (F/P), G6K-2G (F/P)-Y

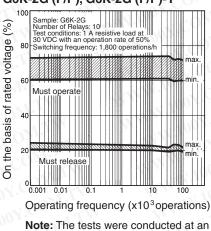


Set or Must Reset Voltage G6KU-2G (F/P)-Y





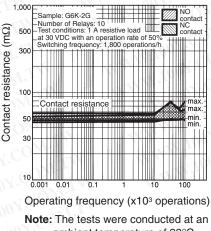
Electrical Service Life (with Must Operate and Must Release Voltage) (See note.) G6K-2G (F/P), G6K-2G (F/P)-Y



ambient temperature of 23°C.

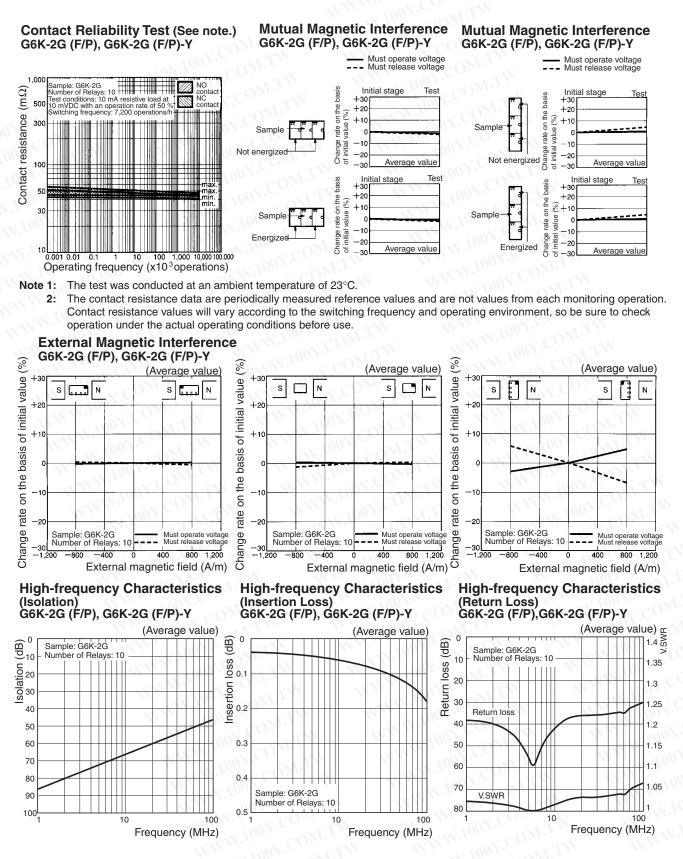
WWW.100Y

Electrical Service Life (Contact Resistance) (See note.) G6K-2G (F/P), G6K-2G (F/P)-Y



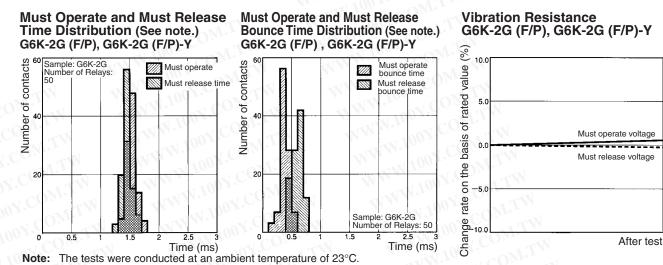
ambient temperature of 23°C.

Ambient Temperature vs. Must



Note: 1. The tests were conducted at an ambient temperature of 23°C.

2. High-frequency characteristics depend on the PCB to which the Relay is mounted. Always check these characteristics including endurance in the actual machine before use.



Approvals

UL Recognized (File No. E41515) / CSA Certified (File No. LR31928) - - Ambient Temp. = 40°C

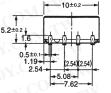
Contact form	Coil rating	Contact ratings	Number of test operations
DPDT	3 to 24 VDC	1 A at 30 VDC (Resistive) 0.5 A at 60 VDC (Resistive) 0.3 A at 125 VAC (General Use)	6,000

Dimensions

Note: All units are in millimeters unless otherwise indicated.

5 2±

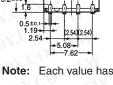




Each value has a tolerance of ±0.3 mm.

G6K-2G

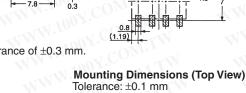




10±0.2

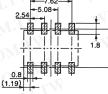
10±0.2

Note: Each value has a tolerance of ±0.3 mm.

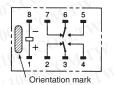


+6.5±0.2+

Mounting Dimensions (Top View) Tolerance: ±0.1 mm -7.62



-7.62 -5.08Terminal Arrangement/ Internal Connections (Top View)



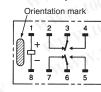
Terminal Arrangement/ Internal Connections (Top View)



Orientation mark

 Mounting Dimensions (Bottom View)
 Terminal Arrangement/ Internal Connections

 Zolar
 Eight, 0.8-dia. holes
 (Bottom View)







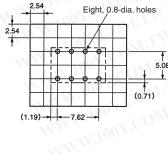
+6.5±0.2-49 0.3

+6.5±0.2+

5 08+

0.15

(1.19)



Note: Each value has a tolerance of ±0.3 mm.

Terminal Arrangement/ Internal Connections

Orientation mark

Terminal Arrangement/

Orientation mark

Terminal Arrangement/ Internal Connections

Orientation mark

(Bottom View)

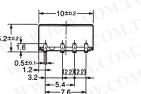
Internal Connections

(Top View)

(Top View)

G6K-2F-Y

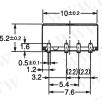




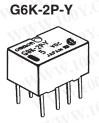
Note: Each value has a tolerance of ±0.3 mm.

G6K-2G-Y

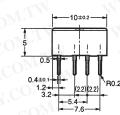




Note: Each value has a tolerance of ±0.3 mm.



G6KU-2F-Y



Note: Each value has a tolerance of ±0.3 mm.



Mounting Dimensions (Top View)

- 5.4

Mounting Dimensions (Top View)

-5

Tolerance: ±0.1 mm

Tolerance: ±0.1 mm

+6.5±0.2+

+6.5±0.2

49

+6.5±0.2+

78

+6.5±0.2

4.9

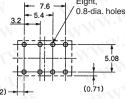
0.3

0.15

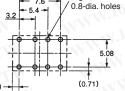
0.3

0.3

03



Tolerance: ±0.1 mm



1.8

Terminal Arrangement/ Internal Connections (Top View)



Terminal Arrangement/ Internal Connections (Top View)



Orientation mark

Terminal Arrangement/ Internal Connections (Bottom View)

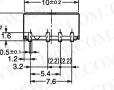


10±0.2 + 6.5±0.2+

Note: Each value has a tolerance of ±0.3 mm.

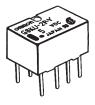
G6KU-2G-Y

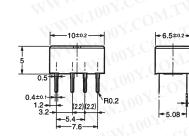




Note: Each value has a tolerance of ± 0.3 mm.

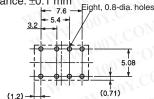
G6KU-2P-Y





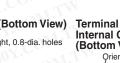
Note: Each value has a tolerance of ±0.3 mm.

Mounting Dimensions (Bottom View) Tolerance: ±0.1 mm

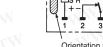


Mounting Dimensions (Top View)









Mounting Dimensions (Top View) Tolerance: ±0.1 mm 3

Eight,

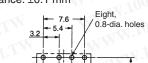
5.08

(1.2)

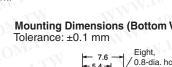
Tolerance: ±0.1 mm

(1

Mounting Dimensions (Bottom View)



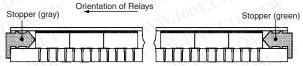
(1.2)



Packaging Information

Packaging Information				
Tube packing	Standard nomenclature	50 pcs per anti-static tube		
Tape packing (SMT versions, only)	When ordering, add "TR" before the rated coil voltage (e.g., G6K-2G-TR-DC5). Note: TR is not part of the relay model number and will not be marked on the relay.	900 pcs per reel 2 reels per box		
	WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	Order in box multiples (see details below)		

Relays in tube packing are arranged so that the orientation mark of each Relay on the left side. Be sure to reference Relay orientation when mounting the Relay to the PCB.



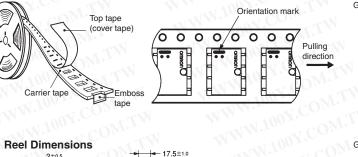
Tube length: 520 mm (stopper not included) No. of Relays per Tube: 50

Tape and Reel Dimensions (Surface Mount Models)

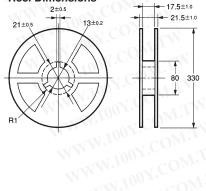
WWW.100Y.C

- Tape type: ETX7200 (EIAJ Electronic Industrial Association of Japan)
- Reel type: RPM-16D (EIAJ, 330 mm diameter)
- Relays per reel: 900

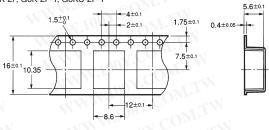




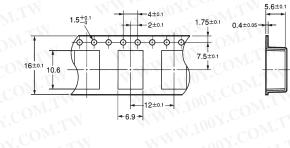
2. Reel Dimensions



3. Carrier Tape Dimensions G6K-2F, G6K-2F-Y, G6KU-2F-Y

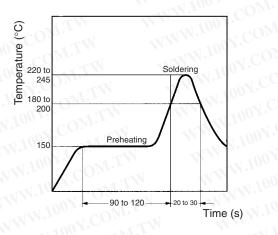




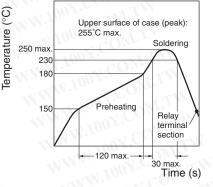


Recommended Soldering Method

Temperature indicates the surface temperature of the PCBs. IRS Method (for surface mounting terminal models) (1) IRS Method (Mounting Solder: Lead)

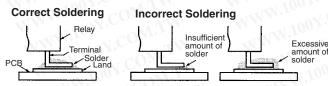


(2) IRS Method (Mounting Solder: Lead-free)



Note: The temperature profile indicates the temperature of the relay terminal section.

The thickness of cream solder to be applied should be within a range between 150 and 200 μm on OMRON's recommended PCB pattern.
In order to perform correct soldering, it is recommended that the correct soldering conditions be maintained as shown below on the left side.



Visually check that the Relay is properly soldered.

Precautions

Correct Use

Handling

Do not unpack the relay until mounting it.

Soldering

Solder: JIS Z3282, H63A or equivalent

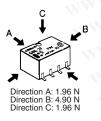
Soldering temperature: Approx. 250°C (260°C if the DWS method is used)

Soldering time: Approx. 5 s max. (approx. 2 s for the first time and approx. 3 s for the second time if the DWS method is used)

Be sure to make a molten solder level adjustment so that the solder will not overflow on the PCB.

Claw Securing Force During Automatic Mounting

During automatic insertion of Relays, make sure to set the securing force of each claw to the following so that the Relays characteristics will be maintained.



Environmental Conditions During Operation, Storage, and Transportation

It is best to keep the relay in its packaging in a controlled environment until it is ready for mounting.

If the Relay is stored for a long time in an adverse environment with high temperature, high humidity, organic gases, or sulfide gases, sulfide or oxide films will form on the contact surfaces. These films may result in unstable contact, contact problems, or functional problems. Therefore, operate, store, or transport the product under specified environmental conditions.

Latching Relay Mounting

Make sure that the vibration or shock that is generated from other devices, such as relays in operation, on the same panel and imposed on the Latching Relay does not exceed the rated value, otherwise the Latching Relay that has been set may be reset or vice versa. The Latching Relay is reset before shipping. If excessive vibration or shock is imposed, however, the Latching Relay may be set accidentally. Be sure to apply a reset signal before use.

Maximum Allowable Voltage

The maximum allowable voltage of the coil can be obtained from the coil temperature increase and the heat-resisting temperature of coil insulating sheath material. (Exceeding the heat-resisting temperature may result in burning or short-circuiting.) The maximum allowable voltage also involves important restrictions which include the following:

- W.100Y.COM.TW Must not cause thermal changes in or deterioration of the insulating material.
- Must not cause damage to other control devices.
- · Must not cause any harmful effect on people.
- · Must not cause fire.

Therefore, be sure to use the maximum allowable voltage as specified in the catalog.

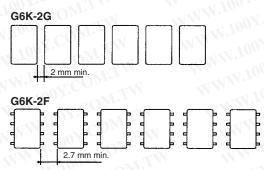
As a rule, the rated voltage must be applied to the coil. A voltage exceeding the rated value, however, can be applied to the coil provided that the voltage is less than or equal to the maximum allowable voltage. It must be noted that continuous voltage application to the coil will cause a coil temperature increase which may affect characteristics such as electrical life and coil insulation.

Coating

The Relay mounting on the PCB may be coated or washed but do not apply silicone coating or detergent containing silicone, otherwise the silicone coating or detergent may remain on the surface of the Relay.

PCB Mounting

If two or more Relays are closely mounted with the long sides of the Relays facing each other and soldering is performed with infrared radiation, the solder may not be properly exposed to the infrared rays. Be sure to keep the proper distance between adjacent Relays as shown below to insure formation of good solder joints.



W.100Y.COM. Two or more Relays may be mounted as closely as desired with the WW.100Y.COM.TV short sides of the Relays facing each other.

WW.100Y.COM.T

WWW.100Y.C

MEMO

W.100Y.COM.TW k 4WP 99 - FON-1 ΤĒ [™]L √ COP 1 N. t F Q 4 - (T T N k Y. 1001 A. -K t -L N 1 4 Ť T T 1 1 d N 9 NT: - L K 1.1 Los. 1 1 1 <u>__</u>__ M -1 d ١Ì M. Laston. Pon -k T 11 L - A 100P Ъ. П. 100 L I P - È JOOX.COM.TV 19 10 101.101 Ť Т ٦ Æ Τ Ť Т Т 1.2 1 1 T. 1 1 1 1

WWW.100Y.

Omron Electronic Components, LLC

Terms and Conditions of Sales

	GENERAL		(d) Systems, machines, and equipment
1.	Definitions: The words used herein are defined as follows.	3.	Prohibited Use: NEVER USE THE PRO
••	(a) Terms: These terms and conditions	Ј.	SERIOUS RISK TO LIFE OR PROPERT
	(b) Seller: Omron Electronic Components LLC and its subsidiaries		AS A WHOLE HAS BEEN DESIGNED T
	(c) Buyer: The buyer of Products, including any end user in section III through VI		
			PRODUCT IS PROPERLY RATED AND
	(d) Products: Products and/or services of Seller	IN	WITHIN THE OVERALL EQUIPMENT C
2	(e) Including: Including without limitation	4.	Motorized Vehicle Application: USE OF
2.	Offer: Acceptance: These Terms are deemed part of all quotations, acknowledgments,		VEHICLE APPLICATION MUST BE EXP
	invoices, purchase orders and other documents, whether electronic or in writing, relating		SELLER.
	to the sale of Products by Seller. Seller hereby objects to any Terms proposed in Buyer's	5.	Programmable Products: Seller shall not
	purchase order or other documents which are inconsistent with, or in addition to, these		a programmable Product.
	Terms.		1.8
3.	Distributor: Any distributor shall inform its customer of the contents after and including	- N	/. WARRANTY AND LIMITATION
0.	section III of these Terms.	1	Warranty: Seller's exclusive warranty is
0 2			materials and workmanship for a period
Ш.	SALES		
1.	Prices: Payment: All prices stated are current, subject to change without notice by Seller.		(or such other period expressed in writing
1.			OR REPRESENTATION, EXPRESS OR
	Buyer agrees to pay the price in effect at the time the purchase order is accepted by		NON-INFRINGEMENT, MERCHANTABI
	Seller. Payments for Products received are due net 30 days unless otherwise stated in		PURPOSE OF THE PRODUCTS.
	the invoice. Buyer shall have no right to set off any amounts against the amount owing in	2.	
1.1	respect of this invoice.		originally shipped with Buyer responsible
2.	Discounts: Cash discounts, if any, will apply only on the net amount of invoices sent to		thereof) the non-complying Product or, a
	Buyer after deducting transportation charges, taxes and duties, and will be allowed only		amount equal to the purchase price of th
	if (a) the invoice is paid according to Seller's payment terms and (b) Buyer has no past		liability for Seller or its affiliates unless S
	due amounts owing to Seller.		correctly handled, stored, installed and r
3.	Interest: Seller, at its option, may charge Buyer 1.5% interest per month or the maximum		
5.	legal rate, whichever is less, on any balance not paid within the stated terms.		abuse, misuse or inappropriate modifica
4		1	approved in writing by Seller before ship
	Orders: Seller will accept no order less than 200 U.S. dollars net billing.	3.	Limitation on Liability: SELLER AND ITS
5.	<u>Currencies</u> : If the prices quoted herein are in a currency other than U.S. dollars, Buyer		SPECIAL, INDIRECT, INCIDENTAL OR
	shall make remittance to Seller at the then current exchange rate most favorable to		PROFITS OR PRODUCTION OR COM
	Seller; provided that if remittance is not made when due, Buyer will convert the amount		WITH THE PRODUCTS, WHETHER SL
	to U.S. dollars at the then current exchange rate most favorable to Seller available		WARRANTY, NEGLIGENCE OR STRIC
	during the period between the due date and the date remittance is actually made.		LIABILITY OF SELLER OR ITS AFFILIT
6.	Governmental Approvals: Buyer shall be responsible for all costs involved in obtaining		THE PRODUCT ON WHICH LIABILITY
Ŭ.	any government approvals regarding the importation or sale of the Products.	1	
7.	Taxes: All taxes, duties and other governmental charges (other than general real	4.	Indemnities: Buyer shall indemnify and h
1.			employees from and against all liabilities
	property and income taxes), including any interest or penalties thereon, imposed directly		attorney's fees and expenses) related to
	or indirectly on Seller or required to be collected directly or indirectly by Seller for the		(whether or not Seller is a party) which a
	manufacture, production, sale, delivery, importation, consumption or use of the Products		omissions under these Terms or in any v
	sold hereunder (including customs duties and sales, excise, use, turnover and license		
	taxes) shall be charged to and remitted by Buyer to Seller.	V.	. INFORMATION; ETC.
8.	Financial: If the financial position of Buyer at any time becomes unsatisfactory to Seller,	1.	Intellectual Property: The intellectual pro
•	Seller reserves the right to stop shipments or require satisfactory security or payment in		property of Seller and its affiliates and B
	advance. If Buyer fails to make payment or otherwise comply with these Terms or any		without the written permission of Seller.
	related agreement, Seller may (without liability and in addition to other remedies) cancel		hold harmless Seller and defend or settle
			that it is based on a claim that any Produ
	any unshipped portion of Products sold hereunder and stop any Products in transit until		
	Buyer pays all amounts, including amounts payable hereunder, whether or not then due,	<u></u>	intellectual property rights of another par
	which are owing to it by Buyer. Buyer shall in any event remain liable for all unpaid	2.	Property: Confidentiality: Notwithstandin
	accounts.		tooling, all engineering and tooling shall
9.	Cancellation; Etc: Orders are not subject to rescheduling or cancellation unless Buyer		information and materials supplied by Se
	indemnifies Seller fully against all costs or expenses arising in connection therewith.		confidential and proprietary, and Buyer s
10.	Force Majeure: Seller shall not be liable for any delay or failure in delivery resulting from		employees and strictly prevent disclosur
	causes beyond its control, including earthquakes, fires, floods, strikes or other labor	3.	Performance Data: Performance data is
	disputes, shortage of labor or materials, accidents to machinery, acts of sabotage, riots,		and does not constitute a warranty. It ma
	delay in or lack of transportation or the requirements of any government authority.		and the users must correlate it to actual
11		4	Change In Specifications: Product specifications
	<u>Shipping: Delivery:</u> Unless otherwise expressly agreed in writing by Seller: (a) All sales and shipments of Products shall be FOB shipping point (unless otherwise	1.0	any time based on improvements or othe
	stated in writing by Seller), at which point title to and all risk of loss of the Products		numbers when published ratings or feature
	shall pass from Seller to Buyer, provided that Seller shall retain a security interest in		engineering changes are made. Howev
	the Products until the full purchase price is paid by Buyer;		changed without any notice.
	(b) Delivery and shipping dates are estimates only; and	5.	Errors And Omissions: The information of
	(c) Seller will package Products as it deems proper for protection against normal		has been carefully checked and is believed
	handling and extra charges apply to special conditions.		assumed for clerical, typographical or pr
12	Claims: Any claim by Buyer against Seller for shortage or damage to the Products	6.	Export Controls: Buyer shall comply with
12.	occurring before delivery to the carrier or any claim related to pricing or other charges		regarding (a) export of the Products or ir
			Products to forbidden or other proscribed
	must be presented in detail in writing to Seller within 30 days of receipt of shipment.		
	. PRECAUTIONS		citizens of regulated technology or inform
		V	I. MISCELLANEOUS
Ι.	Suitability: IT IS THE BUYER'S SOLE RESPONSIBILITY TO ENSURE THAT ANY		
	OMRON PRODUCT IS FIT AND SUFFICIENT FOR USE IN A MOTORIZED VEHICLE	<1.	Waiver: No failure or delay by Seller in e
	APPLICATION. BUYER SHALL BE SOLELY RESPONSIBLE FOR DETERMINING	4.5	between Buyer and Seller shall operate
	APPROPRIATENESS OF THE PARTICULAR PRODUCT WITH RESPECT TO THE	2.	Assignment: Buyer may not assign its rig
	BUYER'S APPLICATION INCLUDING (A) ELECTRICAL OR ELECTRONIC	3.	Law: These Terms are governed by Illino
	COMPONENTS, (B) CIRCUITS, (C) SYSTEM ASSEMBLIES, (D) END PRODUCT, (E)		Federal and state courts in Cook County
	SYSTEM, (F) MATERIALS OR SUBSTANCES OR (G) OPERATING ENVIRONMENT.		dispute hereunder.

(b) Use in consumer Products or any use in significant quantities.

- c) Energy control systems, combustion systems, railroad systems, aviation systems, medical equipment, amusement machines, vehicles, safety equipment, and installations subject to separate industry or government regulations.
- (d) Systems, machines, and equipment that could present a risk to life or property. <u>Prohibited Use:</u> NEVER USE THE PRODUCT FOR AN APPLICATION INVOLVING SERIOUS RISK TO LIFE OR PROPERTY WITHOUT ENSURING THAT THE SYSTEM AS A WHOLE HAS BEEN DESIGNED TO ADDRESS THE RISKS, AND THAT THE PRODUCT IS PROPERLY RATED AND INSTALLED FOR THE INTENDED USE WITHIN THE OVERALL EQUIPMENT OR SYSTEM.
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Buyer acknowledges that it alone has determined that the Products will meet their

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