

Compact, High Isolation Relay

- Compact single pole relay with high isolation between coil and contacts.
- Up to 10 A 250 VAC switching on the NO contacts.
- Ensures a withstand impulse voltage of 8,000 V between the coil and contacts.
- Low coil power consumption (SPST-NO: 200 mW, SPDT: 400 mW).
- UL class F coil insulation.
- UL, CSA and EN approvals.
- Ideal for appliance and HVAC controls.
- Tracking resistance: CTI > 250.
- Contains no lead inside and features cadmium-free contacts ensuring environmentally friendly use.



Ordering Information

To Order: Select the part number and add the desired coil voltage rating (e.g. G5Q-14-EU-DC12)

Classification		Enclosure rating	Part number
Single contact, Class F coil	SPST-NO	Vented	G5Q-1A-EU
		Sealed	G5Q-1A4-EU
	SPDT	Vented	G5Q-1-EU
		Sealed	G5Q-14-EU

Specifications

Coil Ratings

Rated voltage (V)		Rated current	Coil resistance (Ω)	Pick-up voltage	Drop-out Voltage	Maximum voltage	Power consumption (mW)
SPDT	DC5	80	63	75% of max.	5% of max.	190% at 23°C	400
	DC12	33.3	360				
	DC24	16.7	1440				
SPST-NO	DC5	40	125	75% of max.	5% of max.	190% at 23°C	200
	DC12	16.7	720				
	DC24	8.3	2880				

Note: Rated current and coil resistance are measured at 23C with a tolerance of 10%.

Contact Rating

Load	SPDT	SPDT-NO
Rated load (resistive)	10A at 250 VAC (NO) 3A at 250 VAC (NO) 3A at 125 VAC (NO) 5A at 30 VDC (NO) 3A at 250 VDC (NC) 3A at 125 VDC (NC) 3A at 30 VDC (NC)	10A at 250 VAC 3A at 250 VAC 3A at 125 VAC 5A at 30 VDC
Contact material	Ag Alloy	
Rated carry current	AC 10 A – DC 5A (NO)/ AC 3A – DC 3A (NC)	
Max. switching voltage	277 VAC, 30 VDC	
Max. switching current	AC: 10 A (NO)/3 A (NC) DC: 5 A (NO)/3 A (NC)	
Max. switching capacity	2500 VA, 150 W (NO) 750 VA, 90 W (NC)	
Min. permissible load	10 mA at 5 VDC (P level: $\lambda_{60} = 0.1 \times 10^{-6}$ operation)	

Characteristics

Contact resistance (see note 2)	100 m Ω max.
Operate time	10 ms max.
Release time	5 ms max.
Insulation resistance (see note 3)	1,000 M Ω min.
Dielectric strength	4,000 VAC, 50/60 Hz for 1 min between coil and contacts 1000 VAC, 50/60 Hz for 1 min between contacts of same polarity
Impulse withstand voltage	8 kV (1.2 x 50 ms) between coil and contacts
Vibration resistance	Destruction: 10 to 55 Hz, 1.5-mm double amplitude for 2 hours Malfunction: 10 to 55 Hz, 1.5-mm double amplitude for 5 minutes
Shock resistance	Destruction: 1,000 m/s ² (approx. 100G) Malfunction: 100 m/s ² (approximately 10G)
Life expectancy (see note 4)	Mechanical 10,000,000 operations (18,000 operations per hour) Electrical 200,000 operations: 3 A (NO)/3 A (NC) at 125 VAC resistive load 100,000 operations: 3 A (NO)/3 A (NC) at 250 VAC 5 A (NO)/3 A (NC) at 30 VDC resistive load 25,000 operations: 10A (NO) at 250 VAC (900 operations per hour: 1 sec ON/3 sec OFF) Switching frequency: 1,800 operations per hour: 1 sec ON/1 SEC OFF
Ambient temperature	Operating & storage: -40°C to 85°C (with no icing)
Ambient humidity	Operating & storage: 5% to 85%

Note: 1. The data shown above are initial value.

2. The contact resistance is possible with 1 A applied at 5 VDC using a fall-of-potential method.

3. The insulation resistance is possible between coil and contacts and between contacts of the same polarity at 500 VDC.

4. The electrical life data items shown are possible at 23°C.

Approved Standards

UL508 (File No. E41515)

CSA C22.2 No. 14 (File No. LR31928)

Model	Coil ratings	Contact ratings	
		NO contacts	NO contacts
G5Q-EU	5-48 VDC	10 A, 250 VAC resistive 10 A, 30 VDC resistive 4 A, 120 VAC resistive, 100,000 ops. 4 FLA, 4 LRA 120 VAC, definite purpose, 100,000 operations.	3 A, 250 VAC resistive 3 A, 30 VDC resistive 4 LRA, 2 FLA, 120 VAC definite purpose, 100,000 operations.

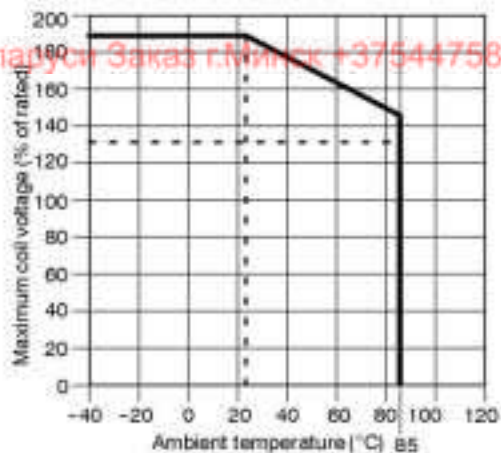
Note: Ratings for both NO contacts and NC contacts are given at 85°C (221°F).

EN

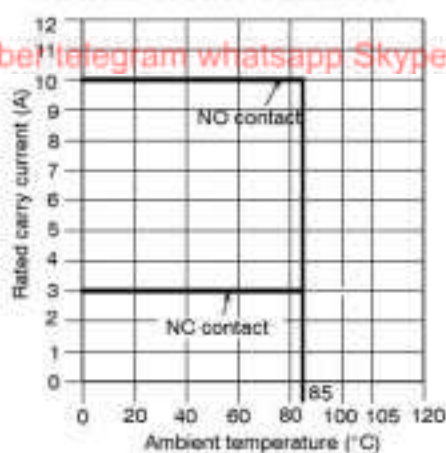
Model	Coil ratings	Contact ratings
G5Q-EU	5,12, 24 VDC	10 A, 250 VAC $\cos\phi=1$ (NO) 5 A, 30 VDC L/R=0ms (NO) 3 A, 30 VDC L/R=0ms (NC)

Engineering Data

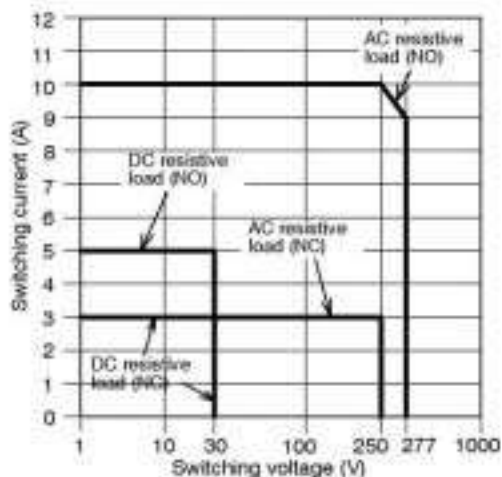
AMBIENT TEMPERATURE VS. MAXIMUM VOLTAGE



AMBIENT TEMPERATURE VS. RATED CARRY CURRENT



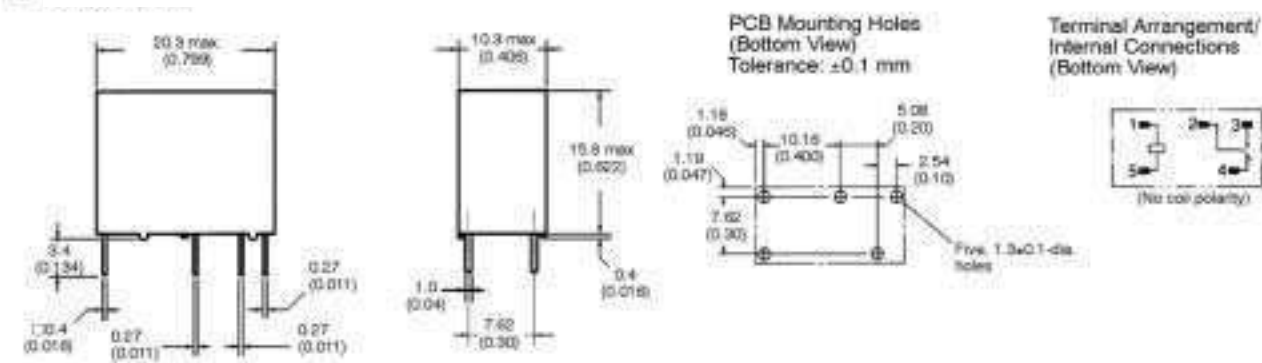
MAX. SWITCHING CAPACITY



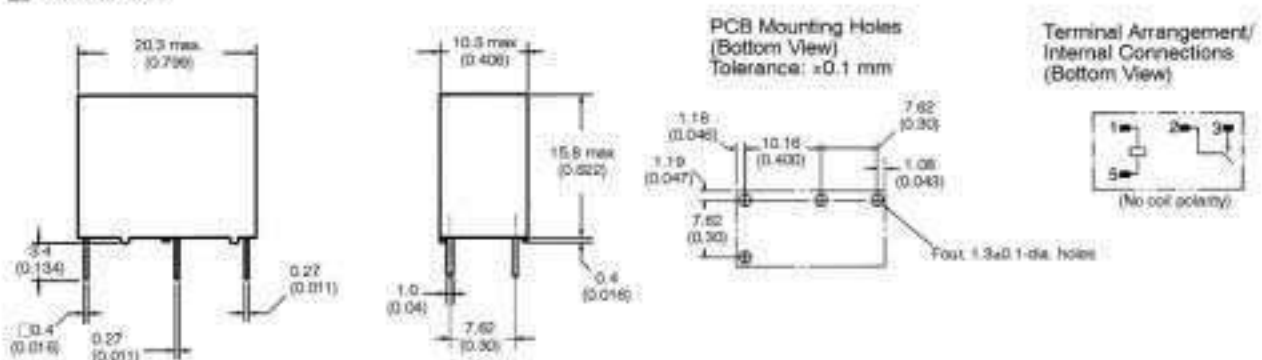
Dimensions

Note: All units are in millimeters unless otherwise indicated.

■ G5Q-EU SPDT



■ SPST-NO



в Беларусі Заказ г.Минск +375447584780 Viber telegram whatsapp Skype email 2005646@tut.by

Precautions



CAUTION

Do not touch the terminals of the relay or the charted part of the socket when power is supplied to the Relay. Otherwise, an electric shock may occur.

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.

To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

Cat. No. G5Q-EU In the interest of product improvement, specifications are subject to change without notice.

OMRON

Omron Electronic Components Europe BV

Wegalaan 57
2132 JD Hoofddorp
The Netherlands

Tel: +31 23 568 1200
Fax: +31 23 568 1212

G5Q

PCB Power Relay

A Miniature Power Relay with 1-pole 10A Switching Capacity

- Compact single pole relay.
- Excellent switching performance for a variety of loads.
- Small, yet provide 8-kV impulse withstand voltage (between coil and contacts).
- Low coil power consumption (SPST-NO: 200 mW, SPDT: 400 mW)
- Coil insulation system: Class F (UL1446).
- IEC/EN 60335-1 conformed. (-HA Model)



RoHS Compliant

Model Number Legend

G5Q-□□□-□-□-□
 1 2 3 4 5 6

- | | |
|--|---|
| 1. Number of Poles
1 : 1-pole | 4. Classification
None : Standard
EU : High-capacity |
| 2. Contact Form
None : SPDT (1c)
A : SPST-NO (1a) | 5. Market Code
None : General purpose
HA : Home Appliance according to IEC/EN60335-1 |
| 3. Enclosure rating
None : Flux protection
4 : Sealed | 6. Coil Holding Voltage
None : Not supported
PW : Supported |

Application Examples

- Ideal for output applications of control equipments.

G
5
Q

в Беларуси Заказ в Минск +375447584780 Viber telegram whatsapp Skype email 2005646@tut.by

Ordering Information

Terminal Shape	Market Code	Classification	Contact form	Enclosure rating	Model	Rated coil voltage	Minimum packing unit
PCB terminals	General purpose	Standard	SPST-NO(1a)	Flux protection	G5Q-1A	5VDC 9VDC 12VDC 24VDC	100 pcs/tray
				Sealed	G5Q-1A4		
			SPDT(1c)	Flux protection	G5Q-1		
				Sealed	G5Q-14		
		High-capacity	SPST-NO(1a)	Flux protection	G5Q-1A-EU	5VDC 12VDC 24VDC	
				Sealed	G5Q-1A4-EU		
			SPDT(1c)	Flux protection	G5Q-1-EU		
				Sealed	G5Q-14-EU		
	Home Appliance	Standard	SPST-NO(1a)	Flux protection	G5Q-1A-HA	12VDC 24VDC	
					G5Q-1A-EU-HA		
					G5Q-1-HA		
					G5Q-1-HA-PW		
		High-capacity	SPDT(1c)		G5Q-1-EU-HA	12VDC 24VDC	
					G5Q-1-HA		
					G5Q-1-HA-PW		
					G5Q-1-EU-HA		

Note 1. When ordering, add the rated coil voltage to the model number.

Example: G5Q-1A DC5

Rated coil voltage

Note 2. Contact your OMRON sales representative for tube packing models (40 pcs/tube).

■ Ratings

● Coil

Contact form	Rated voltage	Rated current (mA)	Coil resistance (Ω)	Must operate voltage (V)	Must release voltage (V)	Max. voltage (V)	Power consumption (mW)
SPST-NO (1a)	5 VDC	40	125	75% max.	5% min.	190% (at 23°C)	Approx. 200
	9 VDC	22.2	405				
	12 VDC	16.7	720				
	24 VDC	8.3	2880				
SPDT (1c)	5 VDC	80	63		5% min. 5 to 25%*		Approx. 400 Approx. 36*
	9 VDC	44.4	202				
	12 VDC	33.3	360				
	24 VDC	16.7	1440				

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

Note 2. The operating characteristics are measured at a coil temperature of 23°C.

Note 3. The "Max. voltage" is the maximum voltage that can be applied to the relay coil.

* Power consumption with Holding Voltage is 36mW. Please confirm the detail in page 6 Coil Voltage Reduction (Holding Voltage).

● Contacts

Item	Load	Resistive load			
		SPST-NO (1a)		SPDT (1c)	
		Standard	High-capacity	Standard	High-capacity
Contact Type	Single				
Contact material	Ag-Alloy (Cd free)				
Rated load (resistive)	10 A at 125 VAC	10 A at 250 VAC		10 A at 125 VAC (NO)	10 A at 250 VAC (NO)
	3 A at 125 VAC	3 A at 125 VAC		3 A at 125 VAC (NO)	3 A at 125 VAC (NO)
	5 A at 250 VAC	5 A at 250 VAC		5 A at 250 VAC (NO)	5 A at 250 VAC (NO)
	3 A at 250 VAC	3 A at 250 VAC		3 A at 250 VAC (NO)	3 A at 250 VAC (NO)
	5 A at 30 VDC	5 A at 30 VDC		5 A at 30 VDC (NO)	5 A at 30 VDC (NO)
Rated carry current	10 A (NO)/3 A (NC)				
Max. switching voltage	277 VAC, 30 VDC				
Max. switching current	AC: 10 A (NO)/3 A (NC) DC: 5 A (NO)/3 A (NC)				

в Беларусі Закаж г.Мінск +375447584780 Viber telegram whatsapp Skype email 2005646@tut.by

■ Characteristics

Item	Classification	Standard model
Contact resistance *1		100 mΩ max.
Operate time		10 ms max.
Release time		5 ms max.
Insulation resistance *2		1,000 MΩ min.
Dielectric strength	Between coil and contacts	4,000 VAC, 50/60 Hz for 1 min
	Between contacts of the same polarity	1,000 VAC, 50/60 Hz for 1 min
Impulse withstand voltage (between coil and contacts)		8 kV (1.2 x 50 μs)
Vibration resistance	Destruction	10 to 55 to 10 Hz, 0.75 mm single amplitude (1.5 mm double amplitude)
	Malfunction	10 to 55 to 10 Hz, 0.75 mm single amplitude (1.5 mm double amplitude)
Shock resistance	Destruction	1,000 m/s ²
	Malfunction	100 m/s ²
Durability	Mechanical	10,000,000 operations (18,000 operations per hour)
	Electrical	<ul style="list-style-type: none"> • NO 25,000 operations: 10 A at 250 VAC resistive load (operation: ON for 1 sec, OFF for 3 sec) <High-capacity type> 50,000 operations: 10 A at 125 VAC resistive load (operation: ON for 1 sec, OFF for 3 sec) 200,000 operations: 3 A at 125 VAC resistive load (operation: ON for 1 sec, OFF for 1 sec) 50,000 operations: 5 A at 250 VAC resistive load (operation: ON for 1 sec, OFF for 1 sec) 100,000 operations: 3 A at 250 VAC resistive load (operation: ON for 1 sec, OFF for 1 sec) 100,000 operations: 5 A at 30 VDC resistive load (operation: ON for 1 sec, OFF for 1 sec) • NC 200,000 operations: 3 A at 125 VAC resistive load (operation: ON for 1 sec, OFF for 1 sec) 100,000 operations: 3 A at 250 VAC resistive load (operation: ON for 1 sec, OFF for 1 sec) 100,000 operations: 3 A at 30 VDC resistive load (operation: ON for 1 sec, OFF for 1 sec)
Failure rate (P level) (reference *3)		10 mA at 5 VDC
Ambient operating temperature		-40°C to 105°C (with no icing or condensation) -40°C to 85°C (with no icing or condensation) <High-capacity type>
Ambient operating humidity		5% to 85%
Weight		Approx. 6.5 g

Note. Note. Values in the above table are the initial values at 23°C.

*1. The contact resistance is possible with 1 A applied at 5 VDC using a fall-of-potential method.

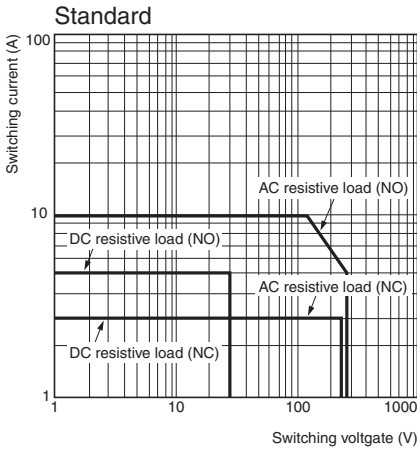
*2. Testing conditions: The insulation resistance was measured with a 500 VDC megohmmeter at the same locations as the dielectric strength was measured.

*3. This value was measured at a switching frequency of 120 operations/min.

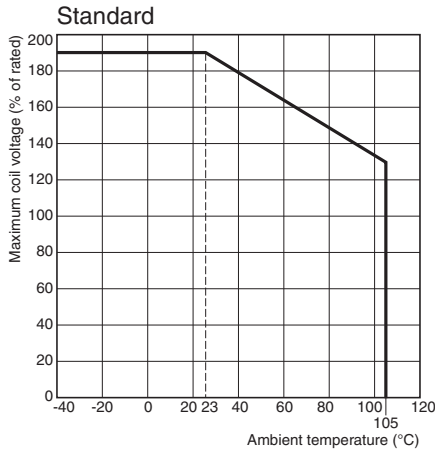
в Беларусі Заказ г.Минск +375 29 629 1111 telegram whatsapp Skype email 2005646@tut.by

Engineering Data

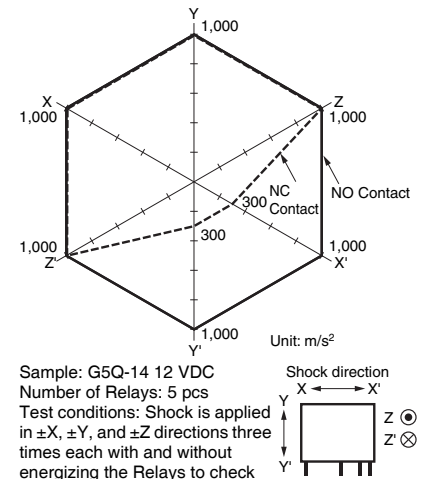
Maximum Switching Capacity



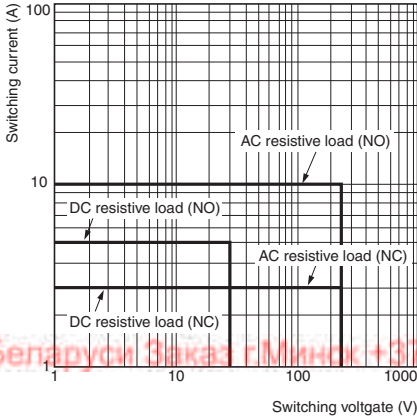
Ambient Temperature VS. Maximum Coil Voltage



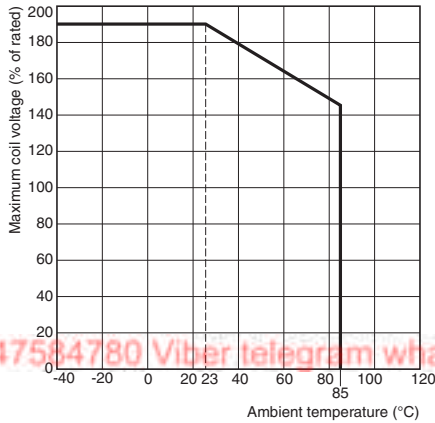
Shock Malfunction



High-capacity(-EU)



High-capacity(-EU)

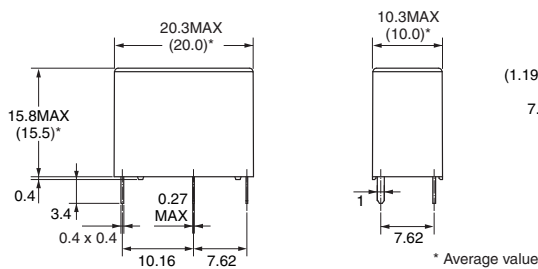
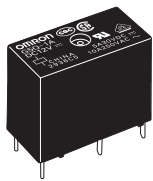


Note. The Maximum coil voltage refers to the maximum value in a varying range of operating power voltage, not a continuous voltage.

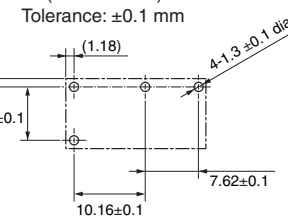
Dimensions

(Unit: mm)

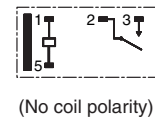
G5Q-1A(4)(-EU)(-HA)



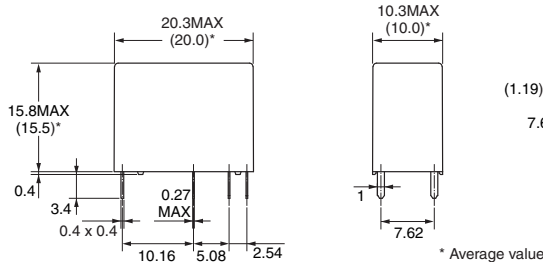
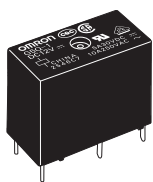
PCB Mounting Holes (Bottom View)



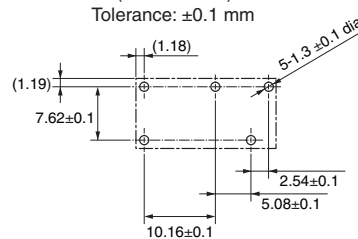
Terminal Arrangement/ Internal Connections (Bottom View)



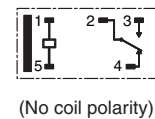
G5Q-1(4)(-EU)(-HA)(-PW)



PCB Mounting Holes (Bottom View)



Terminal Arrangement/ Internal Connections (Bottom View)



Approved Standards

UL Recognized:  (File No. E41515)

CSA Certified:  (File No. LR31928)

Model	Contact form	Coil ratings	Contact ratings	Number of test operations
G5Q-1A(4)(-EU)(-HA) G5Q-1(4)(-EU)(-HA)(-PW)	SPST-NO (1a) SPDT (1c)	5 to 48 VDC	10 A 250 VAC N.O. only (Resistive) 40°C	6,000
			10 A 30 VDC N.O. only (Resistive) 40°C	
			4 A 120 VAC N.O. only (Resistive) 40°C	100,000
			3 A 250 VAC N.C. only (Resistive) 40°C	6,000
			3 A 30 VDC N.C. only (Resistive) 40°C	

EN/IEC, VDE  (Certified/No.40009467)

Model	Contact form	Coil ratings	Contact ratings	Number of test operations
G5Q-1(4)(-HA)(-PW) G5Q-1A(4)(-HA)	SPST-NO (1a) SPDT (1c)	5 to 48 VDC	10 A making and 0 A breaking, 250 VAC (cosφ=1) 105°C 5 A marking and 3 A breaking, 30 VDC (0 ms) 105°C	10,000
			5 A 250 VAC (cosφ=1) (N.O.) 105°C	75,000
G5Q-1A(4)-EU(-HA) G5Q-1(4)-EU(-HA)			10 A 250 VAC (cosφ=1) (N.O.) 65°C 5 A 30 VDC (0 ms) (N.O.) 65°C 3 A 30 VDC (0 ms) (N.C.) 65°C	10,000
			4 A 250 VAC (cosφ=1) (N.O.) 85°C	100,000

Creepage distance	6.4 mm min.
Clearance distance	5.5 mm min.
Insulation material group	IIIa
Type of insulation coil-contact circuit open contact circuit	Basic (Rated voltage 400 V) / Reinforced (Rated voltage 250 V) Micro disconnection
Rated Insulation voltage	250 V
Pollution degree	2
Rated voltage system	250 V / 400 V (EU flux type only)
Over voltage category	III
Category of protection according to IEC 61810-1	RT II (Flux protection) / RT III (Sealed)
Glow wire according to IEC 60335-1	<HA Models only> GWT 750°C min. (IEC 60695-2-11) / GWFI 850°C min. (IEC 60695-2-12)
Tracking Index of relay base	PTI 250 V min. (housing parts)
Flammability class according to UL94	V-0
Coil Insulation system	F Class (UL 1446)

в Беларусь Минск +37544 584780 Viber telegram whatsapp Skype email 2005646@tul.by

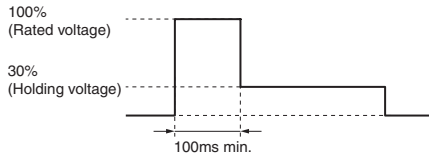
■Precautions

●Please refer to “PCB Relays Common Precautions” for correct use.

Correct Use

●Coil Voltage Reduction (Holding Voltage) after Relay operation

- If the coil voltage is reduced to the holding voltage after Relay operation, first apply the rated voltage to the coil for at least 100 ms, as shown below.
- A voltage of at least 30% of the rated voltage is required for the coil holding voltage. Do not allow voltage fluctuations to cause the coil holding voltage to fall below this level.



	Applied coil voltage	Coil resistance*	Power consumption
Rated voltage	100%	63Ω (5 VDC)	Approx. 400 mW
Holding voltage	30%	360Ω (12 VDC) 1440Ω (24 VDC)	

* The coil resistance were measured at a coil temperature of 23°C with tolerances of ±10%.

в Беларусі Заказ г.Мінск +375447584780 Viber telegram whatsapp Skype email 2005646@tut.by

Please check each region's Terms & Conditions by region website.

OMRON Corporation

Electronic and Mechanical Components Company

Regional Contact

Americas

<https://www.components.omron.com/>

Asia-Pacific

<https://ecb.omron.com.sg/>

Korea

<https://www.omron-ecb.co.kr/>

Europe

<http://components.omron.eu/>

China

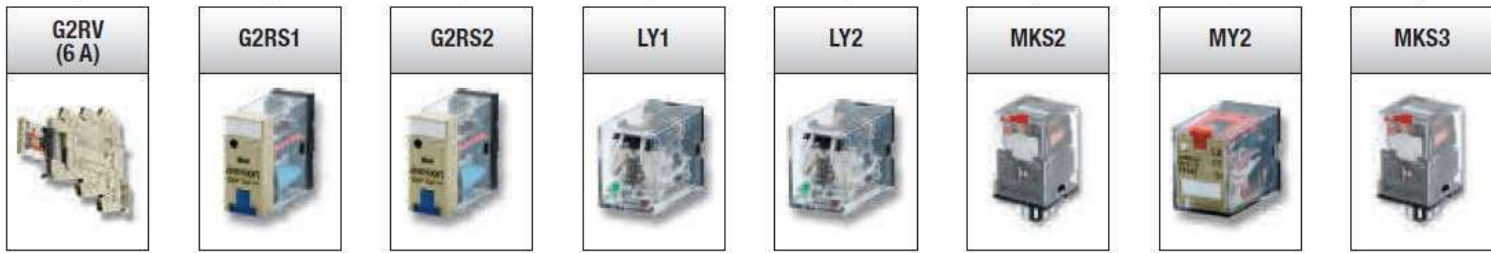
<https://www.ecb.omron.com.cn/>

Japan

<https://www.omron.co.jp/ecb/>

Omron, Реле, твердотельное, промежуточное, силовое купить в Минске tel. +375447584780
www.fotorele.net www.tiristor.by радиодетали, электронные компоненты
email minsk17@tut.by tel.+375 29 758 47 80 МТС

каталог, описание, технические, характеристики, datasheet, параметры, маркировка, габариты, фото



в Беларуси Заказ г.Минск +375447584780 Viber telegram whatsapp Skype email 2005646@tut.by

g5q1a412dc(ty)
g5q1eu12dcty
omrg5q1aeu12dcty
omrg5q1aeu24dcty
g5q14-24vdc
g5q14eu12dc
g5q14eu12dcty
g5q14eu24dc
g5q14eu24dcty
g5q14eu5dcty
g5q1a4eu12dcty
g5q1a4eu5dc
g5q1a4eu5dcty
g5q1aeu24dcty
g5q1eu24dcty
g5q-14-12vdc
g5q1eu24dc
g5q-1 12dc
g5q-1-eu 12vdc
g5q-1-eu 24vdc
g5q-1-eu 5vdc
g5q-14 24vdc
g5q-14-eu 12vdc
g5q-14-eu 24vdc
g5q-14-eu 5vdc
g5q-1a-eu 12vdc
g5q-1a-eu 24vdc
g5q-1a-eu 5vdc
g5q-1a4-eu 12vdc
g5q-1a4-eu 24vdc
g5q-1a4-eu 5vdc
steval-ipmng5q
g5q-1 24dc
g5q-14-eu dc12
g5q-14eu 12dc
g5q-14eu 24dc
g5q-14eu 5dc
g5q-1a-el-ha-vh dc12
g5q-1a-el-ha-vh dc12 (omron electronic components)
g5q-1a-el-ha-vh dc24
g5q-1a-el-ha-vh dc24 (omron electronic components)
g5q-1a-el2-ha dc12
g5q-1a-el2-ha dc24
g5q-1a4-el2-ha dc12
g5q-1a4-el2-ha dc12 (omron electronic components)
g5q-1a4-el2-ha dc24
g5q-1a4-el2-ha dc24 (omron electronic components)
g5q-1a4-el3-ha dc12
g5q-1a4-el3-ha dc24
g5q-1a4-el3-ha dc5

Беларуси Заказ г.Минск +375447584780 Viber telegram whatsapp Skype email 2005646@iut.by

g5q-1a4eu 24dc
g5q-1a4eu 5dc
g5q-1aeu 12dc
g5q-1aeu 24dc
g5q-1aeu 5dc
g5q-1eu 12dc
g5q-1eu 24dc
g5q-1eu 5dc
g5q-1-dc9
g5q-14eu-5dc
g5q-1a4-dc5
g5q-1a4-dc9
g5q-1aeuha-24dc
g5q-1eu-5dc
g5q112dcty
g5q14dc12
g5q14dc24
g5q14dc5
g5q1a412dcty
g5q1a45dc
g5q1a45dcty
g5q1a4dc12
g5q1a4e13ha5dc
g5q1a4eu12dcsp
g5q1a4eu24dcsp
g5q1a4eudc5
g5q1adc24
g5q1adc5
g5q1aeu24dc
g5q1dc24
g5q1eu12dc
g5q1eu5dc
g5q1eudc24
g5q-1-a eu 24dc
g5q-1-a-eu 12dc
g5q-1-a4-eu 12dc
g5q-1-a4-eu 24dc
g5q-1-eu 12dc
g5q-1-eu 24dc
g5q-1-eu dc12 by omz (ty)
g5q-1-ha dc12
g5q-1-ha dc24
g5q-1-ha dc5
g5q-14 dc12 by omz (ty)
g5q-14 dc24 by omz (ty)
g5q-14-eu 12dc
g5q-14-eu 12dc (ty)
g5q-14-eu 24dc
g5q-14-eu 24dc (ty) omr
g5q-14-eu 5dc (ty)

Вітапушч Заказ г.Мінск +375447584780 Viber telegram whatsapp Skype email 2005646@iut.by

g5q-1a dc12 by omz (ty)
g5q-1a-eu dc5 (ty)
g5q-1a-ha dc12
g5q-1a-ha dc24
g5q-1a-ha dc5
g5q-1a4 dc12 by omz (ty)
g5q-1a4 dc24 by omz (ty)
g5q-1a4 dc5 by omz (ty)
g5q-1a4-eu 5dc
g5q-1a4-eu 5dc (ty)
g5q-1a4-eu dc12 by omz (ty)
g5q112dc
g5q124dc
g5q1a12dc
g5q1a24dc
g5q1aeu5dc
far-g5qc-942m50-n2cd-j
far-g5qc-942m50-n2fb-j
far-g5qd-942m50-n2db-j
g5q-1 dc12
g5q-1 dc22
g5q-1 dc24
g5q-1 dc5
g5q-1 dc9
g5q-1-eu dc12
g5q-1-eu dc24
g5q-14 dc12
g5q-14 dc18
g5q-14 dc22
g5q-14 dc24
g5q-14 dc5
g5q-14 dc9
g5q-14-eu dc5
g5q-1a dc12
g5q-1a dc24
g5q-1a dc5
g5q-1a dc9
g5q-1a-eu dc12
g5q-1a-eu dc24
g5q-1a4 dc12
g5q-1a4 dc18
g5q-1a4 dc22
g5q-1a4 dc24
g5q-1a4 dc48
g5q-1a4 dc5
g5q-1a4 dc9
g5q-1a4-eu dc5
g5q14eudc12
g5q1a4eudc12
g5q14eu12dcty замена g5q14eu12dc

Беларуси Заказ г.Минск +375447584780 Viber telegram whatsapp Skype email 2005646@iut.by

g5q-1 24dc /omron/
g5q-1-eu 5vdc /omron ocb/
g5q-1-ha dc24 /omron electronic components/
g5q-1-ha dc5 /omron electronic components/
g5q-14-dc12 /omron electronic components/
g5q-14-eu 5vdc /omron ocb/
g5q-14eu 12dc /omron/
g5q-1a-el-ha-vh dc24 /omron/
g5q-1a-ha dc12 /omron electronic components/
g5q-1a-ha dc24 /omron electronic components/
g5q-1a-ha dc5 /omron electronic components/
g5q-1a4 dc24 /omron electronic components/
g5q-1a4-el2-ha dc24 /omron/
g5q-1a4-el2-hadc12 /omron/ price from 400 pcs
g5q-1a4-el2-hadc24 /omron/ price from 400 pcs
g5q-1a4-el2-hadc5 /omron/ price from 400 pcs
g5q-1a4-el3-ha dc12 /omron electronic components/
g5q-1a4-el3-ha dc12 /omron/
g5q-1a4-el3-ha dc24 /omron electronic components/
g5q-1a4-el3-ha dc5 /omron electronic components/
g5q-1a4-el3-ha dc5 /omron/
g5q-1a4-el3-hadc12 /omron/ price from 400 pcs
g5q-1a4-el3-hadc24 /omron/ price from 400 pcs
g5q-1a4-el3-hadc5 /omron/ price from 400 pcs
g5q-1a4-eu 12vdc /omron ocb/
g5q-1a4-eu 24vdc /omron ocb/
g5q-1a4-eu 5vdc /omron ocb/
g5q-1eu 12dc /omron/
g5q112dcty /omron/
g5q14-24 /omron/ price from 500 pcs
g5q14-24vdc /omron/
g5q14-5 /omron/ price from 500 pcs
g5q14dc12 /omron/
g5q14dc24 /omron/
g5q14dc5 /omron/
g5q14eu12dc /omron/
g5q14eu12dcty /omron/
g5q14eu24dc /omron/
g5q14eu24dcty /omron/
g5q14eu5dc /omron/
g5q14eu5dcty /omron/
g5q1a412dc(ty) /omron/
g5q1a412dcty /omron/
g5q1a45dc /omron/
g5q1a45dcty /omron/
g5q1a4dc12 /omron/
g5q1a4dc5 /omron/
g5q1a4dc9 /omron/
g5q1a4el3ha24dc /omron/
g5q1a4eu12dc /omron/

г.Мінск 375447584780 Viber telegram whatsapp Skype email 2005646@iut.by

g5q1a4eu12dcsp /omron/
g5q1a4eu12dcty /omron/
g5q1a4eu24dcsp /omron/
g5q1a4eu5dc /omron/
g5q1a4eu5dcty /omron/
g5q1a4eudc5 /omron/
g5q1adc24 /omron/
g5q1adc5 /omron/
g5q1ael2ha24dc(ty) /omron/
g5q1aeu12dc(ty) /omron/
g5q1aeu12dcty /omron/
g5q1aeu24dc /omron/
g5q1aeu24dc(ty) /omron/
g5q1aeu24dcty /omron/
g5q1aeu5dc /omron/
g5q1aeuha24dc /omron/
g5q1dc24 /omron/
g5q1dc9 /omron/
g5q1eu12dc /omron/
g5q1eu12dcty /omron/
g5q1eu24dc /omron/
g5q1eu24dcty /omron/
g5q1eu5dc /omron/
mc 1.5/ 4-st-3.5 bd:v5-g5q /phoenix/
steval-ipmng5q /stm/
g5q14eu5dc
g5q1a4eu12dc
9012gng5q4
g5q-1-dc12
g5q-1-dc24
g5q-1-dc5
g5q-1-eudc12
g5q-1-eudc5
g5q-14-dc12
g5q-14-dc24
g5q-14-dc5
g5q-14-eu12dc
g5q-14-eudc24
g5q-14-eudc5
g5q-14dc18
g5q-14dc48
g5q-14dc9
g5q-1a-dc12
g5q-1a-dc24
g5q-1a-dc5
g5q-1a-el-ha-vhdc12
g5q-1a-el-ha-vhdc24
g5q-1a-el2-ha-dc12
g5q-1a-el2-ha-dc24
g5q-1a-eudc12

Вітальчук Захар г.Мінск +375447584780 Viber telegram whatsapp Skype email 2005646@iut.by

g5q-1a-eudc24
g5q-1a-eudc5
g5q-1a4-dc12
g5q-1a4-dc24
g5q-1a4-el2-ha-dc12
g5q-1a4-el2-ha-dc24
g5q-1a4-el3-hadc12
g5q-1a4-el3-hadc24
g5q-1a4-el3-hadc5
g5q-1a4-eudc12
g5q-1a4-eudc24
g5q-1a4-eudc5
g5q-1a4dc18
g5q-1a4dc22
g5q-1a4dc9
g5q-1adc9
g5q-1dc22
g5q-1dc48
g5q-1dc6
g5q-1dc9
g5q01q01012.0
g5q01q01024.0
g5q01q01036.0
g5q01q01048.0
g5q01q01060.0
g5q-14 dc12 by omz (sm)
g5q-14 dc5 by omz/c
g5q14eu12dc, omron
g5q14eu12dcty, реле электромеханическое, omron
g5q14eu24dcty, реле электромеханическое, omron
g5q14eu5dcty, реле электромеханическое, omron
g5q1a4eu12dcty, реле электромеханическое, omron
g5q1a4eu5dc, relay, spst, 250vac, 30vdc, 10a, omron
g5q1a4eu5dcty, реле электромеханическое, omron
g5q1aeu24dcty, реле электромеханическое, omron
g5q1eu24dc, реле электромеханическое, omron
g5q1eu24dc, универсальное реле, серия g5q, силовое, без защелки, spdt, 24в dc, 10а, omron
g5q1eu24dcty, реле электромеханическое, omron
g5q1aeu12dc
g5q-1aeu5dc
g5q-1eu5dc
g5q14eu12dcty (заказ 3 дня)
g5q14eu5dcty (заказ 3 дня)
g5q1a4eu12dcty (заказ 3 дня)
g5q1a4eu5dcty (заказ 3 дня)
g5q1aeu24dcty (заказ 3 дня)
g5q1eu24dc (заказ 3 дня)
g5q1eu24dcty (заказ 3 дня)
g5q-1-12dc, omron: реле электромагнитное, spdt, иобмотки 12вdc, 3а/250vac, 5а/30vdc
g5q-1-eu-12dc, omron: реле электромагнитное, spdt, иобмотки 12вdc, 10а/250vac, 400мвт

g5q-1-eu-24dc, omron: реле электромагнитное, spdt, иобмотки 24vdc, 10a/250vac, 400мвт, монтаж
g5q-1-eu-5dc, omron: реле электромагнитное, spdt, иобмотки 5vdc, 10a/250vac, 5a/30vdc
g5q-14-24dc, omron: реле: электромагнитное; spdt; иобмотки: 24vdc; 5a/250vac; 5a/30vdc
g5q-14-eu-12dc, omron: реле электромагнитное, spdt, иобмотки 12vdc, 10a/250vac, 400мвт
g5q-14-eu-24dc, omron: реле электромагнитное, spdt, иобмотки 24vdc, 10a/250vac, 400мвт
g5q-14-eu-5dc, omron: реле электромагнитное, spdt, иобмотки 5vdc, 10a/250vac, 5a/30vdc
g5q-1a-eu-12dc, omron: реле электромагнитное, spst-no, иобмотки 12vdc, 10a/250vac
g5q-1a-eu-24dc, omron: реле электромагнитное, spst-no, иобмотки 24vdc, 10a/250vac
g5q-1a-eu-5dc, omron: реле электромагнитное, spst-no, иобмотки 5vdc, 10a/250vac
g5q-1a4-eu-12dc, omron: реле электромагнитное, spst-no, иобмотки 12vdc, 10a/250vac
g5q-1a4-eu-24dc, omron: реле электромагнитное, spst-no, иобмотки 24vdc, 10a/250vac
g5q-1a4-eu-5dc, omron: реле электромагнитное, spst-no, иобмотки 5vdc, 10a/250vac
g5q14-12, omron: реле электромагнитное, spdt, иобмотки 12vdc, 10a/250vac
g5q14-24, omron: реле электромагнитное, spdt, иобмотки 24vdc, 10a/250vac
g5q14-5, omron: реле электромагнитное, spdt, иобмотки 5vdc, 10a/250vac, 5a/30vdc
g5q14eu12dcty, omron: реле электромагнитное, spdt, иобмотки 12vdc, 10a/250vac, 400мвт
g5q14eu24dcty, omron: реле электромагнитное; spdt; иобмотки: 24vdc; 10a/250vac; 400мвт
g5q14eu5dcty, omron: реле электромагнитное, spdt, иобмотки 5vdc, 10a/250vac, 5a/30vdc
g5q1a4eu12dcty, omron: реле электромагнитное, spst-no, иобмотки 12vdc, 10a/250vac
g5q1a4eu5dcty, omron: реле электромагнитное, spst-no, иобмотки 5vdc, 10a/250vac
g5q1aeu24dcty, omron: реле электромагнитное, spst-no, иобмотки 24vdc, 10a/250vac
g5q1eu24dc, omron: реле электромагнитное, spdt, иобмотки 24vdc, 10a/250vac, 400мвт, монтаж р
g5q1eu24dcty, omron: реле электромагнитное, spdt, иобмотки 24vdc, 10a/250vac, 400мвт, монтаж
мс 1,5/ 4-st-3,5 bd:v5-g5q, phoenix: вилочная часть, номинальный ток 8 а, полюсов 4, размер шага
g5q1412dc
g5q1412dc(ty)
g5q1a4eu24dc(ty)
g5q1ael2ha12dcty
g5q1aelhavh24dc(ty)
g5q1aeu12dc(ty)
g5q1aeu24dc(ty)
реле 24v 5pin (на плату) jzc-33f (jzc-33f-c-z-5-dc24v-0.45) =g5q-1- dc24 = hls-33f-dc24v-c
реле 24v 5pin (на плату) omron g5q-1- dc24 = hls-33f-dc24v-c
реле 24v 5pin (на плату) omron g5q-1- dc24 от 5шт
реле 5v 5pin (на плату) omron g5q-14-sr 5a 30vdc 10a 250vac (33f)
g5q-1-12v
g5q-1-12vdc
g5q-14-12v
g5q-14-24dc
g5q-14-24v
g5q-14-24vdc
g5q-14-eu 5dc
g5q-1a4-eu 12dc
g5q14eu 12dc
g5q14eu 24dc
g5q1a4 12dc
g5q1aeu 12dc
g5q1aeu 24dc
g5q1aeu-dc12
g5q1eu 12dc

mig5q805h
g5q-1a-eu dc5
g5q-1a4-eu dc12
g5q1a4eu5dc omron
mt46v2m32v1lg-5 qfp
farg5qc942m50n2fbj
g5q14dc18
g5q14eu12vdc
g5q14eu24vdc
g5q14eu5vdc
g5q1a4dc18
g5q1a4dc24
g5q1a4dc5
g5q1a4dc9
g5q1a4eu12vdc
g5q1a4eu24dc
g5q1a4eu24vdc
g5q1adc12
g5q1aeu12vdc
g5q1aeu24vdc
g5q1aeu5vdc
g5q1aeudc12
g5q1aeudc24
g5q1dc12
g5q1dc5
g5q1eu24vdc
g5q1eudc12
g5q-1-eu-24vdc (1 групна)

в Беларусі Заказ г.Мінск +375447584780 Viber telegram whatsapp Skype email 2005646@iut.by