

Please make entry of a summary of Modification Notice.

NOTE:

This PCN is intended for use exclusively in EUROPE, Middle East and Africa.

[Target Products]

- G6QE-1A
- < Refer to the " [Details of applicable model] " . >

[Effective Date]

Effective as of our production in July, 2026.

[Reason for change]

Others (Additional Contact Ratings and Safety Standard Ratings.)

[Changes]



Before the change		After the change	
Datasheet		Datasheet	
Ratings		Ratings	
Contacts		Contacts	
Enclosure rating	Flux protection	Enclosure rating	Flux protection
Model	G6QE-1A	Model	G6QE-1A
Contact type	Single	Contact type	Single
Contact material	Ag Alloy(Cd free)	Contact material	Ag Alloy(Cd free)
Rated load	Resistive load	Rated load	Resistive load
	36 A at 250 VAC		36 A at 250 VAC
	32 A at 250 VAC		32 A at 250 VAC
	30 A at 250 VAC		30 A at 250 VAC
Rated carry current	36A		40 A at 250 VAC
Max.switching voltage	AC277V		25 A at 480 VAC
Max.switching current	36A		40 A at 480 VAC
		Rated carry current	40 A
		Max.switching voltage	480 VAC
		Max.switching current	40 A

Before the change

After the change

Characteristics

Enclosure rating		Flux protection
Item	Model	G6QE-1A
Durability	Mechanical	1,000,000 operations min. (at 18,000 operations/h) 100,000 operations min. (30 A, 250 VAC, resistive load) 50,000 operations min. (32 A, 250 VAC, resistive load)
	Electrical	10,000 operations min. (36 A, 250 VAC, resistive load) (ON for 1 s and OFF for 9 s)
Coil holding voltage		35% to 80% of rated coil voltage (contact carrying current 32 A, at 85 ° C) 35% to 50% of rated coil voltage (contact carrying current 36 A, at 85 ° C)
Ambient operating temperature		-40° C to +60° C (when applying Rated Coil Voltage) -40° C to +85° C (contact carrying current 32 A, when applying Holding Voltage at 35% to 80%) (contact carrying current 36 A, when applying Holding Voltage at 35% to 50%) (with no icing or condensation)

Characteristics

Enclosure rating		Flux protection
Item	Model	G6QE-1A
Durability	Mechanical	1,000,000 operations min. (at 18,000 operations/h) 100,000 operations min. (30 A, 250 VAC, resistive load) 50,000 operations min. (32 A, 250 VAC, resistive load)
	Electrical	10,000 operations min. (36 A, 250 VAC, resistive load) (40 A, 250 VAC, resistive load) (25 A, 480 VAC, resistive load) 100 operations min. (40 A, 480 VAC, resistive load) (ON for 1 s and OFF for 9 s)
Coil holding voltage		35% to 80% of rated coil voltage (contact carrying current 32 A, at 85 ° C) 35% to 50% of rated coil voltage (contact carrying current 36 A, at 85 ° C) (contact carrying current 40 A, at 70 ° C)
Ambient operating temperature		-40° C to +60° C (when applying Rated Coil Voltage) -40° C to +85° C (contact carrying current 32 A, when applying Holding Voltage at 35% to 80%) (contact carrying current 36 A, when applying Holding Voltage at 35% to 50%) -40° C to +70° C (contact carrying current 40 A, when applying Holding Voltage at 35% to 50%) (with no icing or condensation)

Approved Standards

UL/C-UL (CSA) Recognized (File No. E41515)

Model	Coil ratings	Contact ratings	Number of test operations
G6QE-1A	5 to 24 VDC	36A 277VAC (Resistive) 85°C	10,000
G6QE-1A	5 to 24 VDC	32A 277VAC (Resistive) 40°C	50,000
G6QE-1A	5 to 24 VDC	30A 277VAC (Resistive) 40°C	100,000

Approved Standards

UL/C-UL (CSA) Recognized (File No. E41515)

Model	Coil ratings	Contact ratings	Number of test operations
G6QE-1A	5 to 24 VDC	36A 277VAC (Resistive) 85°C	10,000
G6QE-1A	5 to 24 VDC	32A 277VAC (Resistive) 40°C	50,000
G6QE-1A	5 to 24 VDC	30A 277VAC (Resistive) 40°C	100,000
G6QE-1A	5 to 24 VDC	40A 250VAC (Resistive) 70°C	10,000
G6QE-1A	5 to 24 VDC	25A 480VAC (Resistive) 85°C	10,000
G6QE-1A	5 to 24 VDC	40A 480VAC (Resistive) 70°C	100

EN/IEC, TÜV Certified: (Certificate No.R50407379)

Model	Coil ratings	Contact ratings	Number of test operations
G6QE-1A	5,12,24 VDC	36A 277VAC (cos φ =1) 85°C	10,000
G6QE-1A	5,12,24 VDC	32A 277VAC (cos φ =1) 40°C	50,000
G6QE-1A	5,12,24 VDC	30A 277VAC (cos φ =1) 40°C	100,000
G6QE-1A4	12 VDC	36A 277VAC (cos φ =1) 85°C	100

EN/IEC, TÜV Certified: (Certificate No.R50407379)

Model	Coil ratings	Contact ratings	Number of test operations
G6QE-1A	5,12,24 VDC	36A 277VAC (cos φ =1) 85°C	10,000
G6QE-1A	5,12,24 VDC	32A 277VAC (cos φ =1) 40°C	50,000
G6QE-1A	5,12,24 VDC	30A 277VAC (cos φ =1) 40°C	100,000
G6QE-1A	5,12,24 VDC	40A 250VAC (cos φ =1) 70°C	10,000
G6QE-1A	5,12,24 VDC	25A 480VAC (cos φ =1) 85°C	10,000
G6QE-1A	5,12,24 VDC	40A 480VAC (cos φ =1) 70°C	100

CQC certified: (Certificate No.CQC18002192007)

Model	Coil ratings	Contact ratings	Number of test operations
G6QE-1A	5,12,24 VDC	36A 277VAC (Resistive) 85°C	10,000
G6QE-1A	5,12,24 VDC	32A 277VAC (Resistive) 40°C	50,000
G6QE-1A	5,12,24 VDC	30A 277VAC (Resistive) 40°C	100,000

CQC certified: (Certificate No.CQC18002192007)

Model	Coil ratings	Contact ratings	Number of test operations
G6QE-1A	5,12,24 VDC	36A 277VAC (Resistive) 85°C	10,000
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G6QE-1A	5,12,24 VDC	25A 480VAC (Resistive) 85°C	10,000
G6QE-1A	5,12,24 VDC	40A 480VAC (Resistive) 70°C	100

[Details of applicable model]

Models / Specification
G6QE-1A DC5 BY OMZ
G6QE-1A DC12 BY OMZ
G6QE-1A DC24 BY OMZ

Models / Specification
G6QE-1A DC5 BY OMZ/C
G6QE-1A DC12 BY OMZ/C
G6QE-1A DC24 BY OMZ/C

Specifications in this product news are as of the issue date and are subject to change without notice. Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.

Before change

Old part number	Old OC product code	Old ODPOS code
G6QE-1A DC12 BY OMZ	G6QE6001C	G6QE6001C
G6QE-1A DC24 BY OMZ	G6QE6002A	G6QE6002A
G6QE-1A DC5 BY OMZ	G6QE6000E	G6QE6000E

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After change*

New part number	New OC product code	New ODPOS code
G6QE-1A DC12 BY OMZ	G6QE6001C	G6QE6001C
G6QE-1A DC24 BY OMZ	G6QE6002A	G6QE6002A
G6QE-1A DC5 BY OMZ	G6QE6000E	G6QE6000E

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*If After the change values are the same, it means the product only had technical or packing change, which does not effect the product codes!

Changes are highlighted with a background colour,