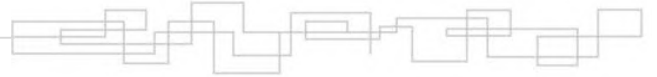




## GK Contactor



Part numbers: GK20....., Gk24....., GK32..., GK40..., GK63.....,



General					GK20	GK24	GK32	GK40	GK63
<b>Type</b>									
<b>Standards</b>					IEC/EN 61095 , IEC/EN 60947-4-1, IEC/EN 60947-5-1				
<b>Approvals</b>									
<b>Module width</b>					1	2	2	3	3
<b>Mechanical endurance</b>			op. c.		3 x 10 <sup>6</sup>				
<b>Ambient temperature</b>			°C		-5 ... +55				
<b>Storage temperature</b>			°C		-30 ... +80				
<b>No. of contactors (side-by-side)</b>			≤ 40° C 40 - 55° C		Max. 3 Max. 2				
<b>Contact reliability</b>					17 V; ≥ 50 mA				
<b>Min. distance of open</b>			mm		3.6				
<b>Power dissipation per pole</b>			W		1.7	2.2	2.2	4	8
<b>Overload current withstand</b>			A		72	68	68	176	240
<b>Max. back-up fuse for short-circuit protection gL</b>			I v	A	20	25	32	63	80
<b>Max. operating frequency</b>	DC-1 AC-1/AC-3/AC-5b/AC-15 no load		op. c./h		300 600 1200 3000				
<b>Weight</b>			kg		0,13	0,24	0,24	0,42	0,42
<b>Main Circuit</b>									
<b>Rated insulation voltage</b>			U i	V	230	440		440	
<b>Rated impulse withstand</b>			U imp	kV	4				
<b>Thermal current</b>			I th	A	20	25	32	40	63
<b>Rated operational voltage</b>			U e	V	230	400		400	
<b>Rated frequency</b>			f	Hz	50/60				
<b>Rated operational current</b>	AC-1/AC-7a		I e	A	20	25	32	40	63
<b>Operational power AC-1/AC-7a</b>	single-phase	230 V	P e	Kw	4	5.4	5.4	8.7	13.3
	three-phase	230 V			-	9	9	16	24
	three-phase	400 V			-	16	16	26	40
<b>Electrical endurance</b>	AC-1/AC-7a		op. c.		200,000			100,000	
<b>Rated operational current</b>	AC-3/AC-7b		I e	A	NO: 9 NC: 6	8.5	8.5	22	30
<b>Operational power AC-3/AC-7b</b>	single-phase	230 V	P e	Kw	NO:1.3/NC:0.	1.3 1)	1.3 1)	3.7 1)	5 1)
	three-phase	230 V			75	2.2	2.2	5.5	8.5
	three-phase	400 V			-	4	4	11	15
<b>Electrical endurance</b>	AC-3/AC-7b		op. c.		300,000	500,000	500,000	150,000	
<b>Switching of capacitors</b>	AC-6b	230V	C	μF	30	36	36	220	330
<b>Electrical endurance</b>	AC-6b		op. c.		100,000				





Dokument/document		Utgava datum/edition date
Försäkran om överensstämmelse/ Declaration of conformity		29/06/2016
Avdelning/department Kvalite/Quality		
Ansvarig/prepared Magnus Arvidsson	Version 5	Sida/page 1 av/of 1

Supplier/Tillverkare: **GARO AB**  
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S-335 25 GNOSJO Telephone: +46 (0)370 33 28 00  
Sweden Telefax: +46 (0)370 33 28 50

Supplier established within EU/Ombud etablerad inom EG Telephone:  
Telefax:

Supplier of equipment /Materielslag : Contactor, Trade Mark/ Varumärke:

GARO

Type Designation / Typbeteckning: GK ... Contactor.

We hereby declare that our product fulfils the requirements of following EC directives/  
Vi intygar härmed att vår produkt uppfyller krav enligt följande EU direktiv:

- The Low Voltage Directive (LVD) 2014/35/EU / Lågspänningsdirektivet (LVD) 2014/35/EU.
- Electromagnetic compatibility (EMC) 2004/108/EU / Elektromagnetisk kompatibilitet (EMC) 2004/108/EG.
- RoHS Directive (RoHS) 2011/65/EU / RoHS direktivet (RoHS) 2011/65/EG.
- No electromagnetic compatibility (EMC) immunity or emission tests are required on the assembly/  
Produkten innehåller inte elektroniska apparater som påverkas enligt förbehållen enligt direktivet  
(EMC) 2004/108/EG.

The following harmonised standards (latest edition) or technical specifications which comply with good engineering practice in safety matters in force within the EU have been used in the design: /

Följande harmoniserade standarder (senaste utgåva) eller tekniska specifikationer som uppfyller god säkerhetsteknik praxis inom EG har använts i konstruktionen: IEC/EN 61095 , IEC/EN 60947-4-1, IEC/EN 60947-5-1

- The equipment conforms completely with the above stated harmonised standards or technical specifications. /  
Materielen överensstämmer helt med ovan angivna harmoniserade standarder eller tekniska specifikationer.

Or/ Eller

- The equipment confirms only partially with the above stated harmonised standards or technical specifications but complies with good practice in safety matters in force within the EU. /  
Materielen överensstämmer endast delvis med ovan angivna harmoniserade standarder eller tekniska specifikationer, men uppfyller god säkerhetsteknik praxis inom EG.

We have product surveillance according to CENELEC's harmonised requirements, documents CCA-201.

Garo AB  
Company/Företag

2016-06-29  
Date/Datum

Sign/Underskrift

Environmental- and Quality Manager/Kvalitets- och Miljöchef  
Position/Befattning

Magnus Arvidsson  
Name / Namnförtydligande