



Product type designation				GX40
General characteristics				
Switching diagram				10
N° of elements				2
Contact characteristics				
Rated insulation voltage Ui				
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstand voltage	ge Uimp		kV	6
Conventional free air thermal c				
		UL/CSA	А	40
Rated operational voltage			V	440
Maximum fuse size for short-ci	rcuit protection In (aG)			
		10kA	А	40
		25kA	A	35
		50kA	A	35
		63kA	А	35
Rated short time current Icw				
		1s	А	800
Operational current le IEC/EN				
AC1/A	C21A			
			А	40
AC15				
		110V	А	25
		220/230V	A	22
		380/400V	A	12
		660/690V	A	7.5
Rated operational power in AC	1	000,0001		110
	-phase AC3			
	F	220/230V	kW	7.5
		380/440V	kW	15
		500/690V	kW	15
Single	-phase AC3	000,000 1		
Single	F	110V	kW	2.2
		220/230V	kW	4.4
		380/440V	kW	7
Three	-phase AC23A	000,1101		-
	P	220/230V	kW	9
		380/440V	kW	18.5
		500/690V	kW	15
Single	-phase AC23A			. •
Single		110V	kW	3
		220/230V	kW	5.2
		380/440V	kW	7.5
Poted operational current in D	2	000/1101		

## Rated operational current in DC

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	DC21A			
		48V	А	40
		60V	A	40
		110V	А	6
		220V	А	0.8
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	40 (1)
		48V	Α	40 (1)
		60V	Α	40 (3)
		110V	А	40 (3)
		220V	А	12 (4)
	DC13			
		24V	Α	40
		48V	Α	32
		60V	А	16
		110V	А	3
		220V	А	0.5
		440V	А	0.15
Mechanical features				
Terminals screw				M4
Tightening torque for te	erminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable			
		Max	mm²	10
Mechanical life			cycles	5x106
UL technical data				
Motor power for direct-				
	for three-phase motor	40014		_
		120V	HP	5
		240V	HP	10
		480V	HP	15
		600V	HP	15
	for single-phase motor	4001/		0
		120V	HP	2
Ambient conditions		240V	HP	5
Ambient conditions				
Temperature	Operating temperature			
	Operating temperature	-	° <b>^</b>	. 55
	Storogo tomporaturo	max	°C	+55
	Storage temperature		° <b>^</b>	40
		min	°C ℃	-40
Resistance & Protectic	nn	max	U	+70
Frontal IP degree				IP65
				1500

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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Terminals IP degree ETIM classification	IP20
ETIM 8.0	EC001105 - Off- load switch