

Product type designation	GX40		
<b>General characteristics</b>			
Switching diagram	49		
<b>Contact characteristics</b>			
Rated insulation voltage $U_i$	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage $U_{imp}$		kV	6
Conventional free air thermal current $I_{th}$	UL/CSA	A	40
		V	440
Rated operational voltage	10kA	A	40
	25kA	A	35
	50kA	A	35
	63kA	A	35
Rated short time current $I_{cw}$	1s	A	800
	Operational current $I_e$ IEC/EN		
AC1/AC21A		A	40
	AC15		
	110V	A	25
	220/230V	A	22
	380/400V	A	12
660/690V	A	7.5	
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	7.5
	380/440V	kW	15
	500/690V	kW	15
Single-phase AC-3	110V	kW	2.2
	220/230V	kW	4.4
	380/440V	kW	7
Three-phase AC23A	220/230V	kW	9
	380/440V	kW	18.5
	500/690V	kW	15
Single-phase AC23A	110V	kW	3
	220/230V	kW	5.2
	380/440V	kW	7.5
Rated operational current in DC			
DC21A	48V	A	40
	60V	A	40
	110V	A	6
	220V	A	0.8
	440V	A	0.25
DC23A (poles in series)	24V	A	40 (1)
	48V	A	40 (1)

	60V	A	40 (3)
	110V	A	40 (3)
	220V	A	12 (4)
DC13			
	24V	A	40
	48V	A	32
	60V	A	16
	110V	A	3
	220V	A	0.5
	440V	A	0.15

#### Mechanical features

Terminals screw			M4
Tightening torque for terminals 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	mm <sup>2</sup>	1.5
Max	mm <sup>2</sup>	6

##### Conductor size (IEC) - Rigid cable

Max	mm <sup>2</sup>	10
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Mechanical life		cycles	5x10 <sup>6</sup>
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#### UL technical data

##### Motor power for direct-on-line control

##### for three-phase motor

120V	HP	5
240V	HP	10
480V	HP	15
600V	HP	15

##### for single-phase motor

120V	HP	2
240V	HP	5

#### Ambient conditions

##### Temperature

##### Operating temperature

max	°C	+55
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##### Storage temperature

min	°C	-40
max	°C	+70

#### Resistance & Protection

Frontal IP degree	IP65
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Terminals IP degree	IP20
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#### ETIM classification

ETIM 8.0

EC001029 -  
Selector switch,  
complete