

Product type designation	GX40		
<b>General characteristics</b>			
Switching diagram	10		
N° of elements	2		
<b>Contact characteristics</b>			
Rated insulation voltage Ui	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	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 Icw	1s	A	800
Operational current Ie 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 AC3		
	220/230V	kW	7.5
	380/440V	kW	15
	500/690V	kW	15
	Single-phase AC3		
	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 5x106

**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

Terminals IP degree IP20

**ETIM classification**

ETIM 8.0 EC001105 - Off-load switch