

Product type designation	GX40		
General characteristics			
Switching diagram	92		
N° of elements	2		
Contact characteristics			
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 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
Rated operational current in DC	Single-phase AC23A		
	110V	kW	3
	220/230V	kW	5.2
	380/440V	kW	7.5
	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 ²	1.5
Max	mm ²	6

Conductor size (IEC) - Rigid cable

Max	mm ²	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