

Product type designation	GX40		
General characteristics			
Switching diagram	79		
Contact characteristics			
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)
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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
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Conductor size	AWG - Rigid cable		
	min	AWG	16
	Max	AWG	8
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	AWG - Flexible cable		
	min	AWG	16
	Max	AWG	10
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	Conductor size (IEC) - Flexible cable		
	min	mm ²	1.5
	Max	mm ²	6
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	Conductor size (IEC) - Rigid cable		
	Max	mm ²	10
Mechanical life		cycles	5x10 ⁶

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
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	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	EC001029 - Selector switch, complete
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