

ENERGY AND ACTOMATION

Product type designation			GX40
General characteristics			
Switching diagram			49
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
Rated operational voltage		V	440
Maximum fuse size for short-circuit protection In (gG)			
	10kA	A	40
	25kA	A	35
	50kA	A	35
	63kA	A	35
Rated short time current Icw		-	
	1s	Α	800
Operational current le IEC/EN			
AC1/AC21A		_	
		A	40
AC15			
	110V	A	25
	220/230V	A	22
	380/400V	А	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	А	40
	60V	А	40
	110V	А	6
	220V	А	0.8
	440V	A	0.25
DC23A (poles in series)			
DC23A (poles in series)	24V 48V	A A	40 (1) 40 (1)



		60V	A	40 (3)
		110V	А	40 (3)
		220V	A	12 (4)
	DC13			
	2010	0.417	^	10
		24V	А	40
		48V	Α	32
		60V	А	16
		110V	A	3
		220V	А	0.5
		440V	A	0.15
Mechanical features				
Terminals screw				M4
Tightening torque for t	erminals max		Nm	1.2
Conductor size				
Conductor size				
	AWG - Rigid cable			
	-	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor cize (IEC) Elevible coble			
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	6
		IVIAN	111111	0
	Conductor size (IEC) - Rigid cable			
		Max	mm²	10
		Max		10
				F 406
Mechanical life			cycles	5x10 ⁶
			cycles	5x10 ⁶
UL technical data			cycles	5x10⁵
			cycles	5x10⁵
UL technical data			cycles	5x10 ⁶
UL technical data	t-on-line control for three-phase motor	120\/		
UL technical data		120V	HP	5
UL technical data		120V 240V		
UL technical data		240V	HP HP	5 10
UL technical data		240V 480V	HP HP HP	5 10 15
UL technical data	for three-phase motor	240V	HP HP	5 10
UL technical data	for three-phase motor	240V 480V	HP HP HP	5 10 15
UL technical data		240V 480V 600V	HP HP HP HP	5 10 15 15
UL technical data	for three-phase motor	240V 480V 600V 120V	HP HP HP HP	5 10 15 15 2
UL technical data	for three-phase motor	240V 480V 600V	HP HP HP HP	5 10 15 15
UL technical data Motor power for direct	for three-phase motor	240V 480V 600V 120V	HP HP HP HP	5 10 15 15 2
UL technical data Motor power for direct	for three-phase motor	240V 480V 600V 120V	HP HP HP HP	5 10 15 15 2
UL technical data Motor power for direct	for three-phase motor	240V 480V 600V 120V	HP HP HP HP	5 10 15 15 2
UL technical data Motor power for direct	for three-phase motor	240V 480V 600V 120V	HP HP HP HP	5 10 15 15 2
UL technical data Motor power for direct	for three-phase motor	240V 480V 600V 120V 240V	HP HP HP HP HP	5 10 15 15 2 5
UL technical data Motor power for direct	for three-phase motor	240V 480V 600V 120V	HP HP HP HP	5 10 15 15 2
UL technical data Motor power for direct	for three-phase motor for single-phase motor Operating temperature	240V 480V 600V 120V 240V	HP HP HP HP HP	5 10 15 15 2 5
UL technical data Motor power for direct	for three-phase motor	240V 480V 600V 120V 240V max	HP HP HP HP HP	5 10 15 15 2 5 +55
UL technical data Motor power for direct	for three-phase motor for single-phase motor Operating temperature	240V 480V 600V 120V 240V	HP HP HP HP HP C	5 10 15 15 2 5 +55 -40
UL technical data Motor power for direct	for three-phase motor for single-phase motor Operating temperature	240V 480V 600V 120V 240V max	HP HP HP HP HP	5 10 15 15 2 5 +55
UL technical data Motor power for direct Ambient conditions Temperature	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V max	HP HP HP HP HP C	5 10 15 15 2 5 +55 -40
UL technical data Motor power for direct Ambient conditions Temperature Resistance & Protecti	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V max	HP HP HP HP HP C	5 10 15 15 2 5 +55 -40 +70
UL technical data Motor power for direct Ambient conditions Temperature	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V max	HP HP HP HP HP C	5 10 15 15 2 5 +55 -40
UL technical data Motor power for direct Ambient conditions Temperature Resistance & Protecti Frontal IP degree	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V max	HP HP HP HP HP C	5 10 15 15 2 5 -40 +70 IP65
UL technical data Motor power for direct Ambient conditions Temperature Resistance & Protecti Frontal IP degree Terminals IP degree	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V max	HP HP HP HP HP C	5 10 15 15 2 5 +55 -40 +70
UL technical data Motor power for direct Ambient conditions Temperature Resistance & Protecti Frontal IP degree	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V max	HP HP HP HP HP C	5 10 15 15 2 5 -40 +70 IP65
UL technical data Motor power for direct Ambient conditions Temperature Resistance & Protecti Frontal IP degree Terminals IP degree	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V max	HP HP HP HP HP C	5 10 15 15 2 5 -40 +70 -40 +70 IP65 IP20
UL technical data Motor power for direct Ambient conditions Temperature Resistance & Protecti Frontal IP degree Terminals IP degree ETIM classification	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V max	HP HP HP HP HP C	5 10 15 15 2 5 -40 +55 -40 +70 IP65 IP20 EC001029 -
UL technical data Motor power for direct Ambient conditions Temperature Resistance & Protecti Frontal IP degree Terminals IP degree	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V max	HP HP HP HP HP C	5 10 15 15 2 5 -40 +55 -40 +70 IP65 IP20 EC001029 - Selector switch,
UL technical data Motor power for direct Ambient conditions Temperature Resistance & Protecti Frontal IP degree Terminals IP degree ETIM classification	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V max	HP HP HP HP HP C	5 10 15 15 2 5 -40 +55 -40 +70 IP65 IP20 EC001029 -