

ENERGY AND AUTOMATION

Product type designation	on			GX40
Seneral characteristics				44
Switching diagram				11 3
N° of elements				Enlarged front
Options				plate
Contact characteristics				p sws
Rated insulation voltage	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstan	d voltage Uimp		kV	6
Conventional free air the	ermal current Ith			
		UL/CSA	Α	40
Rated operational volta			V	440
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	Α	40
		25kA	A	35
		50kA	A	35
2010 d ob out time	t lov	63kA	A	35
Rated short time curren	IL ICW	4	Λ	900
Operational current le l	EC/EN	1s	A	800
operational current le i	AC1/AC21A			
	ACTACZIA		Α	40
	AC15			40
	7,010	110V	Α	25
		220/230V	Α	22
		380/400V	Α	12
		660/690V	Α	7.5
Rated operational power	er 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
	TI 4 0000	380/440V	kW	7
	Three-phase AC23A	000/000:		
		220/230V	kW	9
		380/440V 500/690V	kW kW	18.5 15
	Single-phase AC23A	300/0907	r.vv	10
	Single-phase ACZSA	110V	kW	3
		220/230V	kW	5.2
		380/440V	kW	7.5
Rated operational curre	nt in DC	000, 110 V	1,77	
	DC21A			
		48V	Α	40
		60V	Α	40
		110V	Α	6
		220V	Α	0.8
		440V	Α	0.25



	DC23A (poles in series)			
		24V	Α	40 (1)
		48V	Α	40 (1)
		60V	Α	40 (3)
		110V	Α	40 (3)
		220V	Α	12 (4)
	DC13			
		24V	Α	40
		48V	Α	32
		60V	Α	16
		110V	Α	3
		220V	Α	0.5
		440V	Α	0.15
Mechanical features				
Terminals screw				M4
Tightening torque for te	erminals max		Nm	1.2
Conductor size	minute max			1.2
Conductor Size	AWG Pigid cable			
	AWG - Rigid cable	min	A1A/C	16
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
	-	Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable			
		Max	mm²	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
	for single-phase motor			
	Tot omgre phase moter	120V	HP	2
		240V	HP	5
Ambient conditions		2101		Ü
Temperature				
Tomperature	Operating temperature			
	Operating temperature	may	°C	, EE
		max		+55
	0			
	Storage temperature			40
	Storage temperature	min	°C	-40
				-40 +70
Resistance & Protection		min	°C	+70
Frontal IP degree		min	°C	+70 IP65
Frontal IP degree Terminals IP degree		min	°C	+70
Frontal IP degree		min	°C	+70 IP65 IP20
Frontal IP degree Terminals IP degree ETIM classification		min	°C	+70 IP65 IP20 EC001029 -
Frontal IP degree Terminals IP degree		min	°C	HP65 IP20 EC001029 - Selector switch,
Frontal IP degree Terminals IP degree ETIM classification		min	°C	+70 IP65 IP20 EC001029 -