

ENERGY AND AUTOMATION

Product type designa	tion			GX32
General characteristic				
Switching diagram				95
Contact characteristic	os en			
Rated insulation volta	ge Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstand voltage Uimp			kV	6
Conventional free air	thermal current Ith			
		UL/CSA	Α	32
Rated operational voltage			V	440
Maximum fuse size for	or short-circuit protection In (gG)			
		25kA	Α	35
		50kA	Α	32
Rated short time curre	ent Icw			
		1s	Α	800
Operational current le				
	AC1/AC21A			
			Α	32
	AC15		_	
		110V	Α	25
		220/230V	Α	20
		380/400V	Α	10
		660/690V	Α	5.5
Rated operational por				
	Three-phase AC-3	000/000/		
		220/230V	kW	7.5
		380/440V	kW	11
	0	500/690V	kW	11
	Single-phase AC-3	440\/	1.1.0.7	4.0
		110V 220/230V	kW kW	1.8
			kW	3.5 5.5
	Three phase AC22A	380/440V	KVV	5.5
	Three-phase AC23A	220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	15
	Single-phase AC23A	300/030 V	17.4.4	10
	Single phase AOZOA	110V	kW	2.2
		220/230V	kW	3.5
		380/440V	kW	6
Rated operational cur	rent in DC	330/ 1 10 V		<u> </u>
ratou oporational out	DC21A			
	_ J	48V	Α	32
		60V	Α	32
		110V	Α	5
		220V	Α	0.8
		440V	Α	0.25
	DC23A (poles in series)			
	· · (p - · · · · · · · · · · · · ·)	24V	Α	32 (1)
			Α	
			Α	
		48V 60V 110V	A A	32 (2) 32 (3) 15 (3)



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		220V	Α	12 (4)
	DC13		_	
		24V	A	32
		48V	A	25
		60V	A	16
		110V	A	3
		220V 440V	A A	0.5 0.15
Mechanical features		440 V	A	0.15
Terminals screw				M4
Tightening torque for to	erminals may		Nm	1.2
Conductor size	Similaria max		14111	1.2
0011000101 3120	AWG - Rigid cable			
	7.VVO Trigid duble	min	AWG	16
	AWG - Flexible cable		7,,,,	10
	7.WG TIGAISIC GUSIC	min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable	IVIOX	71110	10
	Conductor size (IEO) Trexible sable	min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable	max		
	Contactor Sizo (120) Trigid Gabio	min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	5x10 ⁶
UL technical data				
OL (Common data				
	on-line control			
Motor power for direct-				
	on-line control for three-phase motor	120V	HP	3
		120V 240V	HP HP	3 7.5
		240V	HP	7.5
		240V 480V	HP HP	7.5 15
	for three-phase motor	240V 480V	HP HP	7.5 15
	for three-phase motor	240V 480V 600V	HP HP HP	7.5 15 15
Motor power for direct-	for three-phase motor	240V 480V 600V	HP HP HP	7.5 15 15
Motor power for direct-	for three-phase motor	240V 480V 600V	HP HP HP	7.5 15 15
Motor power for direct-	for three-phase motor	240V 480V 600V	HP HP HP HP	7.5 15 15 1.5 3
Motor power for direct-	for three-phase motor for single-phase motor	240V 480V 600V	HP HP HP HP	7.5 15 15
Motor power for direct-	for three-phase motor for single-phase motor Operating temperature	240V 480V 600V 120V 240V	HP HP HP HP	7.5 15 15 1.5 3
Motor power for direct-	for three-phase motor for single-phase motor	240V 480V 600V 120V 240V	HP HP HP HP C°C	7.5 15 15 1.5 3
Motor power for direct-	for three-phase motor for single-phase motor Operating temperature	240V 480V 600V 120V 240V	HP HP HP HP °C °C	7.5 15 15 1.5 3 -25 +55
Ambient conditions Temperature	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V	HP HP HP HP C°C	7.5 15 15 1.5 3
Ambient conditions Temperature Resistance & Protection	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V min max	HP HP HP HP °C °C	7.5 15 15 1.5 3 -25 +55 -40 +70
Ambient conditions Temperature Resistance & Protections Frontal IP degree	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V min max	HP HP HP HP °C °C	7.5 15 15 1.5 3 -25 +55 -40 +70
Ambient conditions Temperature Resistance & Protections Frontal IP degree Terminals IP degree	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V min max	HP HP HP HP °C °C	7.5 15 15 1.5 3 -25 +55 -40 +70
Ambient conditions Temperature Resistance & Protections Frontal IP degree	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V min max	HP HP HP HP °C °C	7.5 15 15 1.5 3 -25 +55 -40 +70 IP65 IP20
Ambient conditions Temperature Resistance & Protections 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 min max	HP HP HP HP °C °C	7.5 15 15 1.5 3 -25 +55 -40 +70 IP65 IP20 EC001029 -
Ambient conditions Temperature Resistance & Protections Frontal IP degree Terminals IP degree	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V min max	HP HP HP HP °C °C	7.5 15 15 1.5 3 -25 +55 -40 +70 IP65 IP20