

ENERGY AND AUTOMATION

Product type designation			GX32
General characteristics			
Switching diagram			12
N° of elements			4
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			
Convenienta nee an alema canon la	UL/CSA	Α	32
Rated operational voltage	0 L/ 0 C/ (V	440
Maximum fuse size for short-circuit protection In (gG)		V	770
maximum ruse size for short chedit protection in (go)	25kA	Α	35
	50kA	A	32
Rated short time current lcw	JUKA	^	32
rateu Short time current ICW	A -	Λ	900
	1s	Α	800
Operational current le IEC/EN			
AC1/AC21A			22
		Α	32
AC15			
	110V	Α	25
	220/230V	Α	20
	380/400V	Α	10
	660/690V	Α	5.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	7.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC-3			
	110V	kW	1.8
	220/230V	kW	3.5
	380/440V	kW	5.5
Three-phase AC23A			
·	220/230V	kW	8
	380/440V	kW	15
	500/690V	kW	15
Single-phase AC23A			
•	110V	kW	2.2
	220/230V	kW	3.5
	380/440V	kW	6
Rated operational current in DC			
DC21A			
- 	48V	Α	32
	60V	Α	32
	110V	Α	5
	220V	A	0.8
	440V	Α	0.25
DC23A (poles in series)	77 0 V	, ,	0.20
DOZON (poles in series)	24V	Α	32 (1)
	48V	A	32 (1)
	60V	A	32 (3)
	00 V		02 (0)



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		110V	Α	15 (3)
		220V	Α	12 (4)
	DC13			
		24V	Α	32
		48V	Α	25
		60V	Α	16
		110V	Α	3
		220V	Α	0.5
		440V	Α	0.15
Mechanical features				
Terminals screw				M4
Tightening torque for to	erminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
	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			
	, , ,	min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	5x10 ⁶
UL technical data			·	
	on-line control			
UL technical data Motor power for direct-				
	on-line control for three-phase motor	120V	HP	3
		120V 240V		3 7.5
			HP	7.5
		240V	HP HP	
	for three-phase motor	240V 480V	HP HP HP	7.5 15
		240V 480V	HP HP HP	7.5 15
	for three-phase motor	240V 480V 600V	HP HP HP	7.5 15 15
	for three-phase motor	240V 480V 600V	HP HP HP HP	7.5 15 15 1.5
Motor power for direct-	for three-phase motor	240V 480V 600V	HP HP HP HP	7.5 15 15 1.5
Motor power for direct-	for three-phase motor	240V 480V 600V	HP HP HP HP	7.5 15 15 1.5
Motor power for direct-	for three-phase motor for single-phase motor	240V 480V 600V	HP HP HP HP	7.5 15 15 1.5
Motor power for direct-	for three-phase motor for single-phase motor	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	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	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 HP	7.5 15 15 1.5 3
Motor power for direct-	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V min max	HP HP HP HP HP	7.5 15 15 1.5 3
Ambient conditions Temperature	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V min max	HP HP HP HP HP	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 HP	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 HP	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 HP	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 HP	7.5 15 15 1.5 3 -25 +55 -40 +70 IP65 IP20 EC001029 - Selector switch,
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 HP	7.5 15 15 1.5 3 -25 +55 -40 +70 IP65 IP20 EC001029 -