

ENERGY AND AUTOMATION

Product type designation			GX32
General characteristics			
Switching diagram			10
N° of elements			2
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	Α	32
Rated operational voltage		V	440
Maximum fuse size for short-circuit protection In (gG)			
	25kA	Α	35
	50kA	Α	32
Rated short time current lcw			
	1s	Α	800
Operational current le IEC/EN			
AC1/AC21A			
		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	000/000	1367	0
	220/230V	kW	8
	380/440V	kW	15
Cinala abasa ACCCA	500/690V	kW	15
Single-phase AC23A	440\/	12///	2.2
	110V	kW	2.2
	220/230V	kW kW	3.5
Rated operational current in DC	380/440V	ĸvv	6
DC21A			
DUZTA	48V	Α	32
	60V	A	32 32
	110V	A	3∠ 5
	220V	A	0.8
	440V	A	0.8 0.25
DC23A (poles in series)	4401	^	0.20
DOZDA (Poles III selles)	24V	Α	32 (1)
	48V	A	
	60V	A	32 (2) 32 (3)



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		110V	Α	15 (3)
		220V	Α	12 (4)
	DC13			· /
	56.6	24V	Α	32
		48V	A	25
		60V	A	16
		110V	A	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			
	7.VVC Trigita dabio	min	AWG	16
	AWG - Flexible cable	111111	700	10
	AVVG - Flexible Cable		A1A/O	4.0
		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		IVIOX	cycles	5x10 ⁶
			Cycles	3810
III tochnical data				
UL technical data				
UL technical data 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
	for three-phase motor	240V 480V	HP HP	7.5 15
		240V 480V 600V	HP HP HP	7.5 15 15
	for three-phase motor	240V 480V 600V	HP HP HP	7.5 15 15 1.5
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 1.5
Motor power for direct-	for three-phase motor for single-phase motor	240V 480V 600V	HP HP HP	7.5 15 15 1.5
Motor power for direct-	for three-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	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
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
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 °C °C	7.5 15 15 1.5 3 -25 +55
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 & Protection 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 & Protection 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 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