

ENERGY AND AUTOMATION

Product type designation Sa Sa Changeover switch a poles - 2 speed motor stating with separate windings with search windings with separate windings with search windings windings with search windings with search windings with search windings	Product designation				Enclosed rotary cam switch GX32
Switching diagram Sa					GA32
Mounting form P25 - Plastic enclosure with red/yellow handle P25 - P25 - Plastic enclosure with red/yellow handle P25 -					switch 3 poles - 2 speed motor starting with separate
Mounting form	N° of elements				
Rated insulation voltage Ui					enclosure with
Rated impulse withstand voltage Uimp					
Conventional free air thermal current Ith			= :	V	600
IEC/EN		<u> </u>		kV	6
Rated operational impulse voltage kV 4	Conventional free air th	ermal current Ith			
Rated operational impulse voltage Rated operational impulse voltage Rated short-circuit protection In (gG)	Rated operational volta	ge		V	440
10kA				kV	4
15kA	Maximum fuse size for	short-circuit protection In (gG)			
Rated short time current lcw			10kA	Α	35
Rated short time current lcw			15kA	Α	35
Three-phase AC-3 Three-phase AC-3 Three-phase AC-23A			25kA	Α	35
Operational current le IEC/EN	Rated short time currer	nt Icw	1s	kA	
AC1/AC21A AC15 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 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 5.5 Three-phase AC23A					10/5 mA/V
AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 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 5.5 Three-phase AC23A 220/230V kW 15 500/690V kW 15	Operational current le I				
110V				A	32
Single-phase AC23A Single-		AC15			
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 5.5 Single-phase AC23A					
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 Single-phase AC23A					
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	Rated operational power	er in AC	000/030 V	- / \	
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	rated operational power				
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		Times phase Ne s	220/230V	kW	7.5
Single-phase AC-3 110V kW 1.8 220/230V kW 3.5 380/440V kW 5.5					
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			500/690V	kW	11
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		Single-phase AC-3			
380/440V kW 5.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 Single-phase AC23A				kW	1.8
Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 Single-phase AC23A					
220/230V kW 8 380/440V kW 15 500/690V kW 15 Single-phase AC23A			380/440V	kW	5.5
380/440V kW 15 500/690V kW 15 Single-phase AC23A		Three-phase AC23A			
Single-phase AC23A 500/690V kW 15					
Single-phase AC23A					
- .		Single phase AC22A	500/690V	KVV	15
		Single-phase AC23A	110V	kW	2.2



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		000/0001/		
		220/230V	kW	3.5
		380/440V	kW	6
Rated operational curre				
	DC21A	4017		00
		48V	A	32
		60V	Α	32
		110V	Α	5
		220V	Α	0.8
		440V	Α	0.25
	DC23A (poles in series)			
		24V	Α	32 (1)
		48V	Α	32 (2)
		60V	Α	32 (3)
		110V	Α	15 (3)
		220V	Α	12 (4)
	DC13			
		24V	Α	32
		48V	Α	25
		60V	Α	14
		110V	Α	3
		220V	Α	0.5
		440V	Α	0.15
Power dissipation		1.01	W	1.6
Mechanical features			VV	1.0
Terminals screw				M4
Tightening torque for te	rminals max		Nm	1.2
Conductor size	The state of the s			
Conductor Size	AWG - Rigid cable			
	AWG - Nigid cable	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable	IVIAX	AWG	0
	AWG - 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			cycles	1X10 ⁶
UL technical data				
Motor power for direct-	on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	7.5
		480V	HP	15
		600V	HP	15
	for single-phase motor			
	U 1	120V	HP	1.5
		240V	HP	3
Ambient conditions		2101		
Temperature				
romporature	Operating temperature			
	Operating temperature	min	°C	-25
		111 [1]		-2J





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	max	°C	+55
Storage temperature			_
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
ETIM classification			
ETIM 8.0			EC001029 - Selector switch, complete