

ENCLOSED ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH WITHOUT 0, 1 POLE 16A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Product type designation SA16	Product designation				Enclosed rotary cam switch GX16
Switching diagram 54 - Changeover switch without 0 1 pole switch with with with with without 0 1 pole switch with with with with with with with wit					GX16
Mounting form		·			switch without 0 1
Mounting form	N° of elements				1
Rated insulation voltage Ui	Mounting form				enclosure with
IEC/EN V 600 Rated impulse withstand voltage Ulimp	Contact characteristics	3			
Rated impulse withstand voltage Uimp	Rated insulation voltag	e Ui			
Rated impulse withstand voltage Uimp			IEC/EN	V	690
Conventional free air thermal current Ith			UL/CSA	V	600
IEC/EN A 16 UL/CSA A 12 A 12 A A A A A A A A A	Rated impulse withstar	nd voltage Uimp		kV	6
Rated operational voltage	Conventional free air th	nermal current Ith			
Rated operational voltage				Α	
Rated operational impulse voltage RV 4			UL/CSA	Α	
Maximum fuse size for short-circuit protection In (gG)		<u> </u>			
10kA	Rated operational impo	ulse voltage		kV	4
15kA	Maximum fuse size for	short-circuit protection In (gG)			
Rated short time current Icw				Α	
Rated short time current lcw				Α	
1s			25kA	Α	16
Conductivity	Rated short time curre	nt Icw			
AC1/AC21A			1s	kA	
AC1/AC21A AC15 T10V A 10 220/230V A 8 380/400V A 4 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 Three-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 380/440V kW 3.7					10/5 mA/V
AC15 AC15 110V A 10 220/230V A 8 380/400V A 4 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 2.5 Single-phase AC23A 110V kW 0.55 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 380/440V kW 1.8 380/440V kW 0.75 220/230V kW 1.8 380/440V kW 1.8	Operational current le				
AC15 110V A 10 220/230V A 8 380/400V A 4 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 380/440V kW 3.7 380/440V kW 3.7 380/440V kW 4.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 380/440V kW 3.7 380/440V kW 3.7 380/440V kW 3.7 380/440V kW 4.5 380/440V kW 3.7 380/440V kW 4.5 380/440V kW 4.5 380/440V kW 4.5 380/440V kW 3.7 380/440V kW 4.5 380/440V kW 4.5		AC1/AC21A			
110V				Α	16
220/230V		AC15		_	
Single-phase AC-3 A A A A A A A A A					
Rated operational power in AC Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 380/440V kW 1.8 380/440V kW 1.8 380/440V kW 1.8					
Rated operational power in AC Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 380/440V kW 3.7					
Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 380/440V kW 3.7	Data Lanca Caralas		660/690V	А	1.5
220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 380/440V kW 3.7	Rated operational pow				
380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 380/440V kW 3.7		Three-phase AC-3	200/2201/	1-///	2.5
Single-phase AC-3					
Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 380/440V kW 3.7					
110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 380/440V kW 3		Single-phase AC 2	300/090V	ĸvv	ე.ე
220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 380/440V kW 3		Single-phase AC-3	110\/	L///	0.55
380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 380/440V kW 3					
Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 380/440V kW 3					
220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 380/440V kW 3		Three-phase AC23A	300/4407	r. v v	۷.۷
380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 380/440V kW 3		Tillee-pilase AO23A	220/2201/	۱ ۸۸	3 7
500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 380/440V kW 3					
Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 380/440V kW 3					
110V kW 0.75 220/230V kW 1.8 380/440V kW 3		Single-phase AC23A	300/030 V	17.4.4	
220/230V kW 1.8 		olligio pilaso AozoA	110\/	k\/\/	0.75
380/440V kW 3					
	Rated operational curre	ent in DC	230,	·	<u> </u>



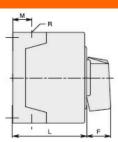
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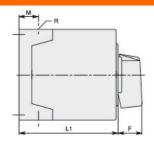
	DC044			
	DC21A	40)/	۸	4.0
		48V	A	16
		60V	A	16
		110V	A	4
		220V	A	0.6
	DC22A (nales in series)	440V	A	0.25
	DC23A (poles in series)	0.41/	٨	40 (4)
		24V	A	16 (1)
		48V	A	16 (2)
		60V	Α	16 (3)
		110V	Α	10 (3)
	B040	220V	Α	7 (4)
	DC13	0.41.7		4.0
		24V	Α	16
		48V	Α	14
		60V	Α	10
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				3M
Tightening torque for te	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	Ç	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIOA	71110	
	Conductor Size (IEO) Trexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVICA	111111	2.0
	Conductor size (IEC) - Rigid Cable	min	mm²	0.5
Markaniantifa		Max	mm²	2.5
Mechanical life UL technical data			cycles	1X10 ⁶
	on line control			
Motor power for direct-				
	for three-phase motor	400) (LID	4.5
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
		120V	HP	0.75
		240V	HP	1
Ambient conditions				
Temperature				
•				
·	Operating temperature			
·	Operating temperature	min	°C	-25
·	Operating temperature	min max	°C °C	-25 +55
·	Operating temperature Storage temperature		°C	
·				

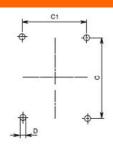


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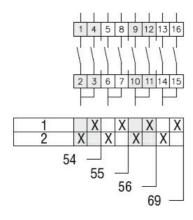






GX16	90x90	1 - 2	3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX20		1 - 2	3-5	90	90	79	79	4.5	25	19	30	71.3	90.3	4XPG10	1700
GX16	110x110	1 - 3	4-7			The state of the s	Y Y					3			
GX20		1 - 3	4-7	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
GX32		1 - 2	3 - 4	110	110	90.4	03	4.5	32	21	39.5	65.5	119.5	4XPGZ1	1100
GX40		1 - 2	3-4												

Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

IEC/EN/BS 61058-1

Certificates

EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete