

electric ENCLOSED ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2, 3 POLES 16A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE ENERGY AND AUTOMATION

Product type designation Sample S	Product designation				Enclosed rotary cam switch
Switching diagram 135 - Multi-step					GX16
Mounting form P - Plastic enclosure with black handle					
Mounting form Section	N° of elements				
Rated insulation voltage Ui	Mounting form				enclosure with
Rated impulse withstand voltage Uimp Rated operational free air thermal current Ith Rated operational voltage V 440 Rated operational impulse voltage V 440 Rated operational impulse voltage Rated short-circuit protection In (gG) Rated short-circuit lcw Rated short-circuit lcw Rated short-circuit lcw Rated operational current Ie IEC/EN Rated Operational current Ie IEC/EN Rated Operational current Ie IEC/EN Rated operational power in AC Rat	Contact characteristics				
Name	Rated insulation voltage Ui				
Rated impulse withstand voltage Uimp			IEC/EN	V	690
Conventional free air thermal current Ith			UL/CSA		600
Rated operational voltage				kV	6
Rated operational voltage	Conventional free air therm	nal current Ith			
Rated operational voltage V				Α	
Rated operational impulse voltage RV 4			UL/CSA		
Maximum fuse size for short-circuit protection In (gG) 10kA A 16 15kA A 16 25kA A 16 Rated short time current Icw 1s A 250 Conductivity Operational current Ie IEC/EN AC1/AC21A 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 Single-phase AC-3 Single-phase AC-3 Three-phase AC-3 Three-phase AC23A Three-phase AC23A Three-phase AC23A A 16 A 10 A 10					
10kA				kV	4
15kA	Maximum tuse size for sho	ort-circuit protection In (gG)	401.4		4.0
Rated short time current Icw 1s					
Rated short time current lew					
1s	Dated short time ourrent le		ZOKA	A	16
Conductivity	Rated Short time current to	w	10	۸	250
Operational current le IEC/EN AC1/AC21A 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 5.5	Conductivity		13		
AC1/AC21A 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 Single-phase AC-3 Single-phase AC-3 110V kW 0.55 500/690V kW 1.5 380/440V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 2.2		/FNI			10/3 111/7/ V
A 16 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 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	-				
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 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 5.5	710	51//(021/(Α	16
110V	AC	C15			
220/230V			110V	Α	10
Single-phase AC-3 Single-phase AC-3			220/230V	Α	
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			380/400V	Α	
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			660/690V	Α	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	Rated operational power in	n AC			
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	Th	ree-phase AC-3			
500/690V kW 5.5				kW	3.5
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					
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			500/690V	kW	5.5
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	Si	ngle-phase AC-3			
380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5					
Three-phase AC23A 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5					
220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5			380/440V	KVV	2.2
380/440V kW 6.5 500/690V kW 7.5	Ir	iree-priase ACZ3A	220/2201/	[-\A/	2.7
500/690V kW 7.5					
Olligie-priase AOZOA	Qi.	ngle-nhase AC23A	300/090V	r. v v	1.0
110V kW 0.75	OII	Tigle-priase AC23A	110\/	k۱۸۱	0.75
220/230V kW 1.8					
380/440V kW 3					
Rated operational current in DC	Rated operational current i	n DC	333, 3 7		

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electric ENCLOSED ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2, 3 POLES 16A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE **ENERGY AND AUTOMATION**

	DC04.4				
	DC21A	401/	۸	4.0	
		48V	A	16	
		60V	A	16	
		110V	A	4	
		220V 440V	A A	0.6 0.25	
	DC23A (poles in series)	440 V		0.23	
	DOZOA (poles ili selles)	24V	Α	16 (1)	
		48V	A	16 (1)	
		60V	A	16 (2)	
		110V	A	10 (3)	
		220V	A	7 (4)	
	DC13	220 V		7 (4)	
	0013	24V	Α	16	
		48V	A	14	
		60V	A	10	
		110V	A		
		220V		1	
			A	0.4	
D " ' '		440V	A	0.15	
Power dissipation			W	0.6	
Mechanical features				01.4	
Terminals screw	made also as as		N I.e.	3M	
Tightening torque for te	erminals max		Nm	0.5	
Conductor size					
	AWG - Rigid cable	_			
		min	AWG	20	
		Max	AWG	12	
	AWG - Flexible cable				
		min	AWG	20	
		Max	AWG	12	
	Conductor size (IEC) - Flexible cable	Max	AWG		
	Conductor size (IEC) - Flexible cable	Max min	AWG	0.5	
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min	mm²	0.5	
		min	mm²	0.5	
		min Max	mm² mm²	0.5 2.5	
Mechanical life		min Max min	mm² mm²	0.5 2.5 0.5	
Mechanical life UL technical data		min Max min	mm² mm² mm² mm²	0.5 2.5 0.5 2.5	
	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm² mm²	0.5 2.5 0.5 2.5	
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max	mm² mm² mm² mm²	0.5 2.5 0.5 2.5	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	min Max min	mm² mm² mm² mm²	0.5 2.5 0.5 2.5	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	min Max min Max	mm² mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	min Max min Max	mm² mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	min Max min Max 120V 240V	mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶	
UL technical data	Conductor size (IEC) - Rigid cable on-line control for three-phase motor	min Max min Max 120V 240V 480V	mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5	
UL technical data	Conductor size (IEC) - Rigid cable on-line control for three-phase motor	min Max min Max 120V 240V 480V	mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶	
UL technical data	Conductor size (IEC) - Rigid cable on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles HP HP HP HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5	
UL technical data Motor power for direct-order Ambient conditions	Conductor size (IEC) - Rigid cable on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles HP HP HP HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5	
UL technical data Motor power for direct-o	Conductor size (IEC) - Rigid cable on-line control for three-phase motor for single-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles HP HP HP HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5	
UL technical data Motor power for direct-order Ambient conditions	Conductor size (IEC) - Rigid cable on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5	
UL technical data Motor power for direct-order Ambient conditions	Conductor size (IEC) - Rigid cable on-line control for three-phase motor for single-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles HP HP HP HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75 1	
UL technical data Motor power for direct-order Ambient conditions	Conductor size (IEC) - Rigid cable on-line control for three-phase motor for single-phase motor Operating temperature	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles HP HP HP HP HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5	
UL technical data Motor power for direct-order Ambient conditions	Conductor size (IEC) - Rigid cable on-line control for three-phase motor for single-phase motor	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles HP HP HP HP HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75 1	

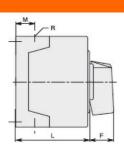


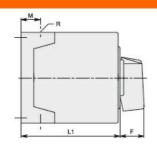
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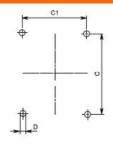
ENERGY AND AUTOMATION

Resistance & Protection
Frontal IP degree
Terminals IP degree
IP20

Dimensions

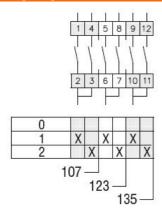






GX16	90x90	1 - 2	3-5	00	00	70	70	4.5	OF.	10	20	71.0	00.2	4vD016	IDCE
GX20		1 - 2	3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX16	110x110	1 - 3	4-7												8
GX20	100000000000000000000000000000000000000	1 - 3	4-7	110	110	98.4	83	4.5	32	21	20.5	0F F	119.5	4xPG21	IDGE
GX20 GX32		1 - 2	3-4	110	110	90.4	03	4.5	32	21	39.5	85.5	119.5	4XPGZ1	IP65
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