

## ENCLOSED ROTARY CAM SWITCH GX SERIES, ON-OFF SPRING RETURN SWITCH 3 POLES 20A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Product type designation	Product designation				Enclosed rotary cam switch
Switching diagram         03 - ON/OFF spring return switch 3 poles spring return switch 3 poles pring return switch 3 poles spring return switch 3 poles pring return switch 3 poles on the poles of enclosure with black handle enclosure with black handle black ha	Product type designati	on			
Ni of elements					G7.20
N° of elements   2   P - Plastic enclosure with black handle					spring return
Mounting form   Section   Section	N° of elements				
Rated insulation voltage Uimp	Mounting form				enclosure with
Conventional free air thermal current lth	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
Rated operational voltage   V   440	Rated impulse withstar	nd voltage Uimp		kV	6
Rated operational voltage   V	Conventional free air th	nermal current Ith			
Rated operational voltage			IEC/EN	Α	20
Rated operational impulse voltage   KV   4			UL/CSA	Α	15
Maximum fuse size for short-circuit protection In (gG)	Rated operational volta	age		V	440
10kA	Rated operational imp	ulse voltage		kV	4
Table   Tabl	Maximum fuse size for	short-circuit protection In (gG)			
Rated short time current Icw			10kA	Α	20
Rated short time current low			15kA	Α	20
Three-phase AC-3   Three-phase AC-3   Three-phase AC23A   Three-			25kA	Α	20
Conductivity	Rated short time curre	nt Icw			
A			1s	Α	
AC1/AC21A  AC15  AC15  110V A 10 220/230V A 8 380/440V A 6 660/690V A 1.5  Rated operational power in AC  Three-phase AC-3  220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5  Single-phase AC-3  110V kW 0.75 220/230V kW 1.8 380/440V kW 3.7  220/230V kW 1.8 380/440V kW 3.7  220/230V kW 1.8 380/440V kW 3.7  Single-phase AC23A  220/230V kW 4 380/440V kW 3.7  Single-phase AC23A  110V kW 7.5 500/690V kW 7.5  Single-phase AC23A  110V kW 7.5 100/690V kW 7.5	Conductivity				10/5 mA/V
AC15  AC15  110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5  Rated operational power in AC  Three-phase AC-3  220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5  Single-phase AC-3  110V kW 0.75 220/230V kW 1.8 380/440V kW 3  Three-phase AC23A  Three-phase AC23A  220/230V kW 7.5 500/690V kW 7.5	Operational current le	IEC/EN			
AC15  110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5  Rated operational power in AC  Three-phase AC-3  220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5  Single-phase AC-3  110V kW 0.75 220/230V kW 1.8 380/440V kW 3  Three-phase AC23A  220/230V kW 4 3.80/440V kW 3  Three-phase AC23A  220/230V kW 7.5 500/690V kW 7.5 500/690V kW 7.5 500/690V kW 7.5  Single-phase AC23A		AC1/AC21A			
110V				Α	20
Single-phase AC23A		AC15			
Single-phase AC23A   Single-					
Rated operational power in AC					
Rated operational power in AC Three-phase AC-3  220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5  Single-phase AC-3  110V kW 0.75 220/230V kW 1.8 380/440V kW 3  Three-phase AC23A  220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A  110V kW 0.75 220/230V kW 7.5 220/230V kW 7.5 220/230V kW 7.5					
Three-phase AC-3  220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5  Single-phase AC-3  110V kW 0.75 220/230V kW 1.8 380/440V kW 3  Three-phase AC23A  220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75 220/230V kW 7.5 500/690V kW 7.5			660/690V	A	1.5
220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5  Single-phase AC-3  110V kW 0.75 220/230V kW 1.8 380/440V kW 3  Three-phase AC23A  220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75 220/230V kW 4 220/230V kW 7.5 220/230V kW 7.5	Rated operational pow				
380/440V kW 5.5 500/690V kW 5.5  Single-phase AC-3  110V kW 0.75 220/230V kW 1.8 380/440V kW 3  Three-phase AC23A  220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75 220/230V kW 7.5 220/230V kW 2.2		Three-phase AC-3			
500/690V     kW     5.5       Single-phase AC-3     110V     kW     0.75       220/230V     kW     1.8       380/440V     kW     3       Three-phase AC23A       220/230V     kW     4       380/440V     kW     7.5       500/690V     kW     7.5       Single-phase AC23A       110V     kW     0.75       220/230V     kW     2.2					
Single-phase AC-3  110V kW 0.75 220/230V kW 1.8 380/440V kW 3  Three-phase AC23A  220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75 220/230V kW 0.75 220/230V kW 2.2					
110V kW 0.75 220/230V kW 1.8 380/440V kW 3  Three-phase AC23A  220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75 220/230V kW 2.2		1	500/690V	kW	5.5
220/230V kW 1.8 380/440V kW 3  Three-phase AC23A  220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75 220/230V kW 2.2		Single-phase AC-3			
380/440V kW 3  Three-phase AC23A  220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75 220/230V kW 2.2					
Three-phase AC23A  220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75 220/230V kW 2.2					
220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75 220/230V kW 2.2			380/440V	kW	3
380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A  110V kW 0.75 220/230V kW 2.2		i nree-phase AC23A	000/000	1 1 4 7	4
500/690V kW 7.5  Single-phase AC23A  110V kW 0.75 220/230V kW 2.2					
Single-phase AC23A  110V kW 0.75 220/230V kW 2.2					
110V kW 0.75 220/230V kW 2.2		0	500/690V	KVV	1.5
220/230V kW 2.2		Single-phase AC23A	4407	1 1 4 7	0.75
380/440V KW 3.5					
			380/440V	KVV	3.5

## ENCLOSED ROTARY CAM SWITCH GX SERIES, ON-OFF SPRING RETURN SWITCH 3 POLES 20A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Rated operational c				
	DC21A	40) (		
		48V	A	20
		60V	A	20
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		24V	Α	20 (1)
		48V	Α	20 (2)
		60V	Α	20 (3)
		110V	Α	10 (3)
		220V	Α	8 (4)
	DC13			
		24V	Α	20
		48V	Α	16
		60V	Α	12
		110V	Α	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		7701	W	0.6
Mechanical features	3		V V	J.U
Terminals screw				M3
Tightening torque fo	or terminals max		Nm	0.8
Conductor size	on the state of th		1 11111	0.0
CONTIGUOTOR SIZE	AWG - Rigid cable			
	AWO - Migia cable	min	AWG	20
		Max		12
	ANAO Florible sable	IVIAX	AWG	12
	AWG - Flexible cable		414/0	00
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	_		_
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 <sup>6</sup>
JL technical data				
Motor power for dire	ect-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
	g.o pgo motor	120V	HP	0.75
		240V	HP	1.5
Ambient conditions		Z70 V	1 11	1.0
Temperature				
romperature	Operating temperature			
	Operating temperature	!	°C	25
		min	°C	-25
		max	°C	+55
	Storage temperature			

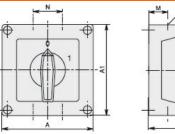


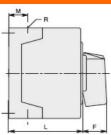
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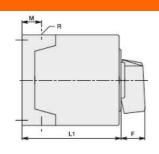
min °C -40 max °C +70

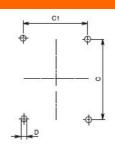
# Resistance & Protection Frontal IP degree IP65 Terminals IP degree IP20

#### **Dimensions**



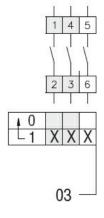






GX16	90x90	1 - 2	3-5	90	90	79	79	A E	25	19	30	71.2	98.3	4xPG16	IP65
GX20		1 - 2	3-5	90	90	79	79	4.5	25	19	30	71.3	90.3	4XFG10	11-00
GX16	110x110	1 - 3	4-7			100			10		- 30	- 30	- 30		
GX20		1-3	4-7	110	110	98.4	83	4.5	32	21	39.5	05.5	119.5	4xPG21	IP65
GX32		1 - 2	3-4	110	110	90.4	83	4.5	32	21	39.5	85.5	119.5	4XPGZ1	1200
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