## ROTARY CAM SWITCH GX SERIES, 3-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 16A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation				Rotary cam switches
Product type designation	on			GX16
General characteristics				G/(10
Switching diagram				26 - 3-phase motor reversing switch with spring return
N° of elements				3
Mounting form				U - Front mounting with black handle
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN UL/CSA	V V	690 600
Rated impulse withstan	d voltage Uimp		kV	6
Conventional free air th	ermal current Ith	-		
		IEC/EN	Α	16
		UL/CSA	Α	12
Rated operational volta			V	440
Rated operational impu	-		kV	4
Maximum fuse size for	short-circuit protection In (gG)	401.4		4.0
		10kA	A	16 16
		15kA 25kA	A A	16
Rated short time currer	at Icw	ZUKA		10
rated short time editer	it 10w	1s	Α	250
Conductivity		10	, ,	10/5 mA/V
Operational current le I	EC/EN			
	AC1/AC21A			
			Α	16
	AC15			
		110V	Α	10
		220/230V	Α	8
		380/400V	Α	4
<del></del>		660/690V	Α	1.5
Rated operational power				
	Three-phase AC-3	220/2201/	Iz\A/	3.5
		220/230V 380/440V	kW kW	4.5
		500/440V 500/690V	kW	5.5
	Single-phase AC-3			
	angra primara na a	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		1 1 4 7	0.75
		110V	kW	0.75
		220/230V	kW	1.8

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		380/440V	kW	3
Rated operational curren	t in DC			
1	DC21A			
		48V	Α	16
		60V	Α	16
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)	0.07		10 (1)
		24V	A	16 (1)
		48V	A	16 (2)
		60V	A	16 (3)
		110V	A	10 (3)
<del>-</del>		220V	Α	7 (4)
l	DC13	0.41/	۸	40
		24V	A	16
		48V	A	14
		60V	A	10
		110V	A	1
		220V	A	0.4
Power dissipation		440V	A W	0.15
Power dissipation  Mechanical features			VV	0.6
erminals screw				3M
ightening torque for terr	minals may		Nm	0.5
Conductor size	Tilliais Tilax		1 1111	0.0
	AWG - Rigid cable			
,	AVO - Nigid Cable	min	AWG	20
		Max	AWG	12
<del>-</del>	AWG - Flexible cable	Wick	7,,,,	12
,	TICKIBIC CABIC	min	AWG	20
		Max	AWG	12
<del>-</del> (	Conductor size (IEC) - Flexible cable	Wick	7,,,,	12
·	Solidation size (IEO) Trickible dable	min	mm²	0.5
		Max	mm²	2.5
<del>-</del> (	Conductor size (IEC) - Rigid cable	Wich		2.0
`	20230to. 0.20 (120) Trigia dabio	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVICA		1X10 <sup>6</sup>
		IVIOX	cycles	1X10 <sup>6</sup>
JL technical data	n-line control	IVICA		1X10 <sup>6</sup>
JL technical data Motor power for direct-or		IVICA		1X10 <sup>6</sup>
JL technical data Motor power for direct-or	n-line control for three-phase motor	120V		1X10 <sup>6</sup>
JL technical data Motor power for direct-or			cycles	
JL technical data Notor power for direct-or		120V	cycles	1.5
JL technical data Notor power for direct-or		120V 240V	cycles HP	1.5 3
JL technical data Motor power for direct-or f		120V 240V 480V	Cycles  HP HP HP	1.5 3 5
JL technical data Motor power for direct-or f	for three-phase motor	120V 240V 480V	Cycles  HP HP HP	1.5 3 5
JL technical data Motor power for direct-or f	for three-phase motor	120V 240V 480V 600V	HP HP HP HP	1.5 3 5 5
JL technical data Motor power for direct-or f	for three-phase motor	120V 240V 480V 600V	HP HP HP HP	1.5 3 5 5
JL technical data Motor power for direct-or f  f  Ambient conditions	for three-phase motor	120V 240V 480V 600V	HP HP HP HP	1.5 3 5 5
JL technical data  Motor power for direct-or f  f  Ambient conditions  Temperature	for three-phase motor for single-phase motor	120V 240V 480V 600V	HP HP HP HP	1.5 3 5 5
f Ambient conditions Femperature	for three-phase motor	120V 240V 480V 600V	HP HP HP HP	1.5 3 5 5



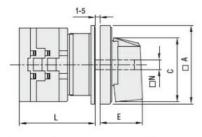
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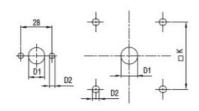
### Storage temperature

min °C -40 max °C +70

Resistance & Protection	
Frontal IP degree	IP65
Terminals IP degree	IP20

#### **Dimensions**

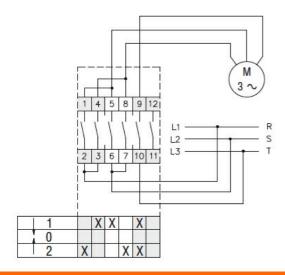




Drillings for 4 screws fixing (4V version).

Series	Dimensions						L Number of elements												
	□A	C	ØD1	ØD2	Е	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
GX16	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX20	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX32	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183
GX40	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183

### Wiring diagrams



## Certifications and compliance

### Compliance

CSA C22.2 n° 14

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

IEC/EN/BS 61058-1

UL60947-4-1

#### Certificates

cULus

EAC

### ETIM classification

**ETIM 8.0** 

EC001105 - Offload switch