

**GX1612U47** ROTARY CAM SWITCH GX SERIES, STAR-DELTA MOTOR STARTER SWITCH 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation				Rotary cam
-				switches
Product type designat General characteristic				GX16
General characteristic	5			12 - Star-delta
Switching diagram				motor starter
				switch
N° of elements				4 U47 - Snap on
				fron mounting
Mounting form				with black handle
				for hole diam.
Contact characteristic	2			22mm finxing
Rated insulation voltage				
· · · · · · · · · · · · · · · · · · ·	5	IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air t	hermal current Ith		-	
		IEC/EN	A	16
Rated operational volt	222	UL/CSA	A V	<u>12</u> 440
Rated operational imp			kV	4
	r short-circuit protection In (gG)		IX V	
		10kA	А	16
		15kA	А	16
		25kA	А	16
Rated short time curre	ent Icw			
		1s	kA	250
Conductivity				10/5 mA/V
Operational current le	AC1/AC21A			
	ACT/ACZTA		А	16
	AC15			
		110V	А	10
		220/230V	А	8
		380/400V	А	4
		660/690V	A	1.5
Rated operational pov				
	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	220/2201/		0.7
		220/230V 380/440V	kW kW	3.7 6.5
		500/690V	kW	7.5
	Single-phase AC23A			
		110V	kW	0.75
		220/230V	kW	1.8

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		380/440V	kW	3
Rated operational cur				
	DC21A	(0) (		
		48V	A	16
		60V	A	16
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	0.417	٨	40 (4)
		24V	A	16 (1)
		48V	A	16 (2)
		60V	A	16 (3)
		110V	A	10 (3)
	<b>D</b> 040	220V	A	7 (4)
	DC13	241/	۸	4.0
		24V	A	16
		48V	A	14
		60V	A	10
		110V	A	1
		220V	A	0.4
Device disaination		440V	A	0.15
Power dissipation Mechanical features			W	0.6
Terminals screw				3M
Tightening torque for	terminals 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			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	ax		
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 <sup>6</sup>
UL technical data			2, 0.00	
Motor power for direc	t-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor	0001		-
		120V	HP	0.75
		240V	HP	1
Ambient conditions				·
Temperature				
. sinperataro	Operating temperature			
		min	°C	-25
		11111		20

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

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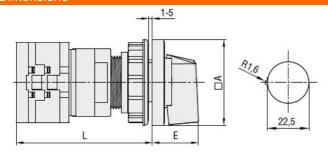
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+55



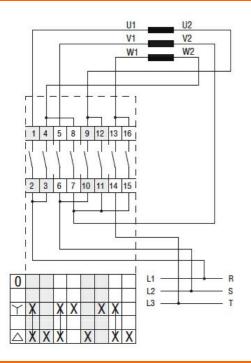
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Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP65	
Terminals IP degree			IP20	
Dimensions				



Cariaa	Dimensions		L			
Series	□A	E	1	2	3	8
GX16	48	26.5	64.9	73.4	81.9	124.4
GX20	48	26.5	64.9	73.4	81.9	124.4

## 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



ENERGY AND AUTOMATION

EAC

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ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete