# ROTARY CAM SWITCH GX SERIES, 3-PHASE MOTOR REVERSING SWITCH 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation         Switches switches           General characteristics         11 - 3-phas motor reversive switch           N° of elements         3           Mounting form         U47 - Snat from mount with black to for hole dis 22mm finx           Contact characteristics         IEC/EN V 690 UL/CSA V 600           Rated insulation voltage Ui         IEC/EN V 690 UL/CSA V 600           Rated impulse withstand voltage Uimp         kV 6           Conventional free air thermal current Ith         IEC/EN A 16 UL/CSA A 12           Rated operational voltage         V 440           Rated operational impulse voltage         kV 4           Maximum fuse size for short-circuit protection In (gG)         10kA A 16 15kA A 16	
Switching diagram  Switching diagram  N° of elements  Mounting form  Mounting for	
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10kA A 16	
25kA A 16	
Rated short time current lcw  1s kA 250	
Conductivity 10/5 mA/V	
Operational current le IEC/EN AC1/AC21A 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 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	



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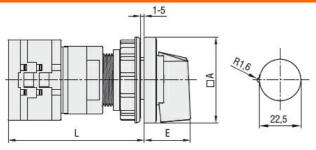
		220/230V	kW	1.8
		380/440V	kW	3
Rated operational cur				
	DC21A			
		48V	Α	16
		60V	Α	16
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		24V	Α	16 (1)
		48V	Α	16 (2)
		60V	Α	16 (3)
		110V	Α	10 (3)
		220V	Α	7 (4)
	DC13			
		24V	Α	16
		48V	Α	14
		60V	Α	10
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				3M
Tightening torque for	terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	ŭ	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			· <del>-</del>
	Confidence (120) Trexitate data	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVIUA		
	Straution Size (IEO) Trigid Gabie	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVICA	cycles	1X10 <sup>6</sup>
UL technical data			Cycles	1/(10
Motor power for direc	t-on-line control			
wold power for direct				
	for three-phase motor	4001/	ПD	1.5
		120V 240V	HP up	1.5
			HP	3
		480V	HP	5
	for single phase mater	600V	HP	5
	for single-phase motor	4001		0.75
		120V	HP	0.75
A		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25



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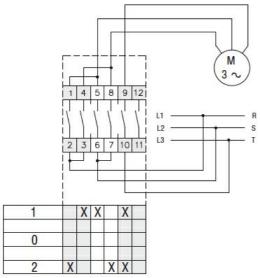
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20

#### Dimensions



Carias	Dimensions		s L			
Series	□A	Е	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 EAC

#### ETIM classification



# GX1611U47

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ETIM 8.0

EC001029 -Selector switch, complete