

**GX1611U47** 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				<sup>n</sup> Rotary cam
-				switches
Product type designati				GX16
General characteristics Switching diagram				11 - 3-phase motor reversing switch
N° of elements				3
Mounting form				U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics				
Rated insulation voltag		IEC/EN UL/CSA	V V	690 600
Rated impulse withstar			kV	6
Conventional free air th	nermal current Ith	IEC/EN UL/CSA	A A	16 12
Rated operational volta	age		V	440
Rated operational impo			kV	4
Maximum fuse size for	short-circuit protection In (gG)	10kA 15kA 25kA	A A	16 16
Rated short time curre	nt low	25kA	A	16
		1s	А	250
Conductivity				10/5 mA/V
Operational current le	IEC/EN AC1/AC21A		A	16
	AC15			
		110V 220/230V 380/400V	A A A	10 8 4
		660/690V	Α	1.5
Rated operational pow	er in AC Three-phase AC-3	200/0201/	1.107	<u>م ج</u>
		220/230V 380/440V	kW kW	3.5 4.5
		500/690V	kW	5.5
	Single-phase AC-3	000,000 1		0.0
		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
	Single-phase AC23A	500/690V	kW	7.5
	Single-phase AC23A	110V	kW	0.75



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		220/230V	kW	1.8
Deted an eretional au		380/440V	kW	3
Rated operational cur	DC21A			
	DOZIA	48V	А	16
		60V	A	16
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	A	16 (1)
		48V	A	16 (2)
		60V	A	16 (3)
		110V	A	10 (3)
	DC13	220V	А	7 (4)
	DC13	24V	А	16
		24 v 48 V	A	14
		40V 60V	A	14
		110V	A	1
		220V	A	0.4
		440V	A	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			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
	Conductor size (IEC) - Flexible cable	Max	AWG	12
	Conductor size (IEC) - Flexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVIDA		2.0
	Conductor Size (IEC) Rigid Cable	min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 <sup>6</sup>
UL technical data			ý	
Motor power for direc	ct-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
		120V	HP	0.75
Amelainet		240V	HP	1
Ambient conditions				
Temperature	Opporting temporture			
	Operating temperature		°C	25
		min	°C	-25

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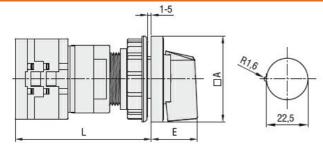
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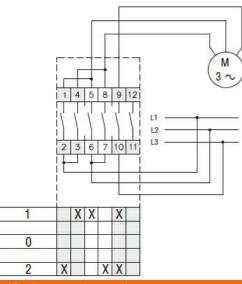
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensions			

Dimensions



Carias	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



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Certifications and compliance

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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	

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ETIM 8.0

EC001029 -Selector switch, complete