

GX2012U47 OVATO ROTARY CAM SWITCH GX SERIES, STAR-DELTA MOTOR STARTER SWITCH 20A, MODULAR Electric SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation				<sup>n</sup> Rotary cam
-				switches
Product type designation General characteristics				GX20
General Characteristics				12 - Star-delta
Switching diagram				motor starter
				switch
N° of elements				4
				U47 - Snap on
Mounting form				fron mounting with black handle
Mounting form				for hole diam.
				22mm finxing
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN	V	690
		UL/CSA	<u>V</u>	600
Rated impulse withstar			kV	6
Conventional free air th	iermal current ith	IEC/EN	^	20
		UL/CSA	A A	20 15
Rated operational volta		01/03A	X	440
Rated operational impu	-		kV	4
	short-circuit protection In (gG)			•
	e	10kA	А	20
		15kA	А	20
		25kA	А	20
Rated short time currer	nt Icw			
		1s	Α	250
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A		•	00
	AC15		A	20
	ACTS	110V	А	10
		220/230V	A	8
		380/400V	A	6
		660/690V	А	1.5
Rated operational pow	er in AC			
	Three-phase AC-3			
		220/230V	kW	3.7
		380/440V	kW	5.5
	Cincle share AO 2	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	00071107		
		220/230V	kW	4
		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC23A			
		110V	kW	0.75



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		220/230V	kW	2.2
		380/440V	kW	3.5
Rated operational cur	rrent in DC			
·	DC21A			
		48V	А	20
		60V	А	20
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	440 V	~	0.23
	DCZSA (poles in series)	24V	٨	20 (1)
			A	20 (1)
		48V	A	20 (2)
		60V	А	20 (3)
		110V	А	10 (3)
		220V	А	8 (4)
	DC13			
		24V	А	20
		48V	А	16
		60V	А	12
		110V	A	1
		220V	A	0.4
		440V	A	0.4
Dower dissinction		440 V		
Power dissipation			VV	0.6
Mechanical features				Mo
Terminals screw				M3
Tightening torque for	terminals max		Nm	0.8
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
			mm²	2.5
	Conductor size (IEC) Divid apple	Max	11111	2.0
	Conductor size (IEC) - Rigid cable		2	0 F
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 <sup>6</sup>
UL technical data				
Motor power for direct				
	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
Ambient		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25

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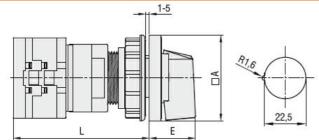
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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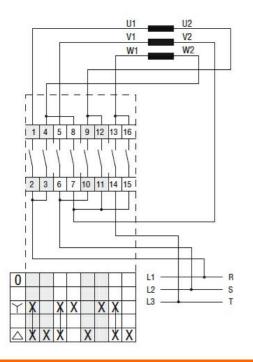
	max	°C	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP65	
Terminals IP degree			IP20	
Dimensione				1

Dimensions



Series	Dimensions		L			
	□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

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ENERGY AND AUTOMATION

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	cULus	
	EAC	
ETIM classification		

ETIM 8.0

EC001029 -Selector switch, complete