



# ROTARY CAM SWITCH GX SERIES, VOLTMETER SWITCH FOR PHASE-PHASE VOLTAGES 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Draduat designation			Rotary cam
Product designation			switches
Product type designation			GX20
General characteristics			07 \/alterator
Switching diagram			67 - Voltmeter switch for phase-
·			phase voltages
N° of elements			2
			U47 - Snap on fron mounting
Mounting form			with black handle
Modrially form			for hole diam.
			22mm finxing
Contact characteristics			
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			00
	IEC/EN	A	20
Peter Leaves Court Letters	UL/CSA	A	15
Rated operational voltage		V kV	440
Rated operational impulse voltage		KV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	Α	20
	15kA	A	20
	25kA	A	20
Rated short time current lcw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	20
AC15			_
	110V	Α	10
	220/230V	Α	8
	380/400V	Α	6
Parts I a service and a service AQ	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3	220/230V	<b>ل</b> ۸۸۷	3.7
	220/230V 380/440V	kW kW	5.5
	500/690V	kW	5.5 5.5
Single-phase AC-3	000/000 V		
53.5 F5.5 / 10 0	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3
Three-phase AC23A			
	220/230V	kW	4
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC23A			
	110V	kW	0.75
	220/230V	kW	2.2





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		380/440V	kW	3.5
Rated operational curre	ent in DC			
	DC21A			
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)	0.417		00 (4)
		24V	A	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
	D040	220V	A	8 (4)
	DC13	241/	۸	20
		24V	A	20
		48V	A	16
		60V	A	12
		110V	A	1
		220V	A	0.4
Danier diagination		440V	A	0.15
Power dissipation  Mechanical features			W	0.6
Terminals screw				M3
Tightening torque for to	orminals may		Nm	0.8
Conductor size	eminais max		INIII	0.0
Conductor Size	AWC Bigid coble			
	AWG - Rigid cable	min	AWG	20
	AWG - Flexible cable	Max	AWG	12
	AVVG - Flexible Cable	min	A1A/C	20
		min Max	AWG AWG	20 12
	Conductor size (IEC) Flevible coble	IVIAX	AWG	12
	Conductor size (IEC) - Flexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVIAX	111111	2.5
	Conductor Size (IEC) - Rigid Cable	min	mm²	0.5
		[1][[]	111111	0.0
			mm²	2.5
Mechanical life		Max	mm²	2.5 1×10 <sup>6</sup>
Mechanical life			mm² cycles	2.5 1X10 <sup>6</sup>
UL technical data	-on-line control			
UL technical data	-on-line control for three-phase motor	Max	cycles	1X10 <sup>6</sup>
UL technical data		Max 120V	cycles	1X10 <sup>6</sup>
UL technical data		120V 240V	cycles HP	1X10 <sup>6</sup> 1.5 3
UL technical data		120V 240V 480V	Cycles  HP HP HP	1X10 <sup>6</sup> 1.5 3 5
UL technical data	for three-phase motor	120V 240V	cycles HP	1X10 <sup>6</sup> 1.5 3
UL technical data		120V 240V 480V 600V	HP HP HP HP	1X10 <sup>6</sup> 1.5 3 5 5
UL technical data	for three-phase motor	120V 240V 480V 600V	HP HP HP HP	1X10 <sup>6</sup> 1.5 3 5 0.75
UL technical data Motor power for direct-	for three-phase motor	120V 240V 480V 600V	HP HP HP HP	1X10 <sup>6</sup> 1.5 3 5 5
UL technical data Motor power for direct-	for three-phase motor	120V 240V 480V 600V	HP HP HP HP	1X10 <sup>6</sup> 1.5 3 5 0.75
UL technical data Motor power for direct-	for three-phase motor  for single-phase motor	120V 240V 480V 600V	HP HP HP HP	1X10 <sup>6</sup> 1.5 3 5 0.75
UL technical data Motor power for direct-	for three-phase motor	120V 240V 480V 600V 120V 240V	HP HP HP HP HP	1.5 3 5 5 0.75 1.5
UL technical data Motor power for direct-	for three-phase motor  for single-phase motor	120V 240V 480V 600V	HP HP HP HP	1X10 <sup>6</sup> 1.5 3 5 0.75

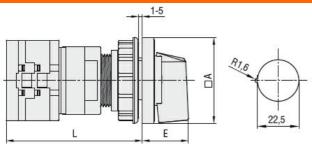




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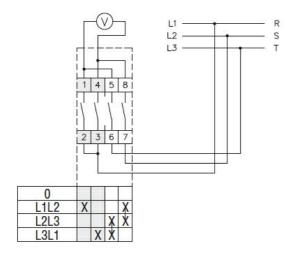
Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP65	
Terminals IP degree			IP20	

#### Dimensions



Series	Dimensions		L			
	□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

**ETIM 8.0** 

EC001029 -Selector switch, complete