

# GX2010U11 electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 3 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING



Product designation			Rotary cam
-			switches
Product type designation			GX20
General characteristics			10 - ON/OFF
Switching diagram			switch 3 poles
N° of elements			2
			U11 - Front
			mounting with
Mounting form			black handle
,			without front plate for hole diam.
			22mm fixing
Contact characteristics			3
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	20
	UL/CSA	<u>A</u>	15
Rated operational voltage		V kV	440
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG)		ĸv	4
Maximum ruse size for short-circuit protection in (gG)	10kA	А	20
	15kA	A	20
	25kA	A	20
Rated short time current Icw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		_	
-015		A	20
AC15	4401/	^	10
	110V 220/230V	A A	10
	220/230V 380/400V	A	8 6
	660/690V	A	1.5
Rated operational power in AC	000,0001	,,	
Three-phase AC-3			
·	220/230V	kW	3.7
	380/440V	kW	5.5
	500/690V	kW	5.5
Single-phase AC-3			
	110V	kW	0.75
	220/230V	kW	1.8

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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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WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

		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
		380/440V	kW	3.5
Rated operational cur	rent in DC			
	DC21A			
	20217	48V	А	20
		40V 60V	A	20
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	<b>-</b> ····		00 (I)
		24V	А	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	А	10 (3)
		220V	А	8 (4)
	DC13			
		24V	А	20
		48V	А	16
		60V	A	12
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		440 V		0.6
Mechanical features			VV	0.0
Terminals screw				M3
			Niss	
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
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
	Schudolo Sizo (IEO) Trigid Cable	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVIAX		
UL technical data			cycles	1X10 <sup>6</sup>
	t on line control			
Motor power for direc				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5

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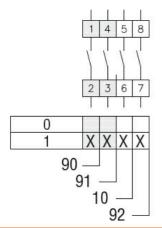
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	for single-phase motor			
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protec	tion			
Frontal IP degree				IP65
Terminals IP degree				IP20
Dimensions				

1-5 R1,6 028 39.5 22,5 6 8 23

Series	L				
	1	2	3	8	
GX16	54	62.5	71	147.5	
GX20	54	62.5	71	147.5	

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	

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ENERGY AND AUTOMATION

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Certificates cULus EAC ETIM classification EC001029 -**ETIM 8.0** Selector switch, complete

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