

ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING



Product designation				Rotary cam switches
Product type designat				GX20
General characteristic	S			
Switching diagram				90 - ON/OFF switch 1 pole
N° of elements				1
Mounting form				U11 - Front mounting with black handle without front plate for hole diam. 22mm fixing
Contact characteristics				
Rated insulation voltag	ge Oi	IEC/EN UL/CSA	V V	690 600
Rated impulse withsta	nd voltage Uimp		kV	6
Conventional free air t	hermal current Ith			
		IEC/EN	Α	20
		UL/CSA	Α	15
Rated operational volt			V kV	440
Rated operational imp	r short-circuit protection In (gG)		KV	4
Waxiiriaiii iase size io	1 Short directi protection in (ge)	10kA	Α	20
		15kA	Α	20
		25kA	Α	20
D () 1 () ()	ent Icw			
Rated short time curre				
		1s	Α	250
Conductivity	UEO/EN	1s	Α	250 10/5 mA/V
	IEC/EN AC1/AC21A	1s		10/5 mA/V
Conductivity	AC1/AC21A	1s	A	
Conductivity			Α	10/5 mA/V 20
Conductivity	AC1/AC21A	110V	A	10/5 mA/V 20 10
Conductivity	AC1/AC21A		Α	10/5 mA/V 20
Conductivity Operational current le	AC1/AC21A AC15	110V 220/230V	A A A	10/5 mA/V 20 10 8
Conductivity	AC1/AC21A AC15 ver in AC	110V 220/230V 380/400V	A A A	10/5 mA/V 20 10 8 6
Conductivity Operational current le	AC1/AC21A AC15	110V 220/230V 380/400V 660/690V	A A A A	10/5 mA/V 20 10 8 6 1.5
Conductivity Operational current le	AC1/AC21A AC15 ver in AC	110V 220/230V 380/400V 660/690V	A A A A	10/5 mA/V 20 10 8 6 1.5
Conductivity Operational current le	AC1/AC21A AC15 ver in AC	110V 220/230V 380/400V 660/690V 220/230V 380/440V	A A A A kW kW	10/5 mA/V 20 10 8 6 1.5
Conductivity Operational current le	AC1/AC21A AC15 ver in AC Three-phase AC-3	110V 220/230V 380/400V 660/690V	A A A A	10/5 mA/V 20 10 8 6 1.5
Conductivity Operational current le	AC1/AC21A AC15 ver in AC	110V 220/230V 380/400V 660/690V 220/230V 380/440V	A A A A kW kW	10/5 mA/V 20 10 8 6 1.5





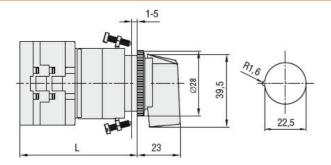
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		380/440V	kW	3
	Three-phase AC23A			
	·	220/230V	kW	4
		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC23A			
	Single prides / (826/)	110V	kW	0.75
		220/230V	kW	2.2
		380/440V	kW	3.5
Datad anarational a	respect in DC	300/440 V	KVV	3.0
Rated operational cu				
	DC21A	4017		
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		24V	Α	20 (1)
		48V	Α	20 (2)
		60V	Α	20 (3)
		110V	Α	10 (3)
		220V	A	
	DC13	2201	^	8 (4)
	DC13	0.41/	۸	00
		24V	A	20
		48V	Α	16
		60V	Α	12
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				M3
Tightening torque fo	r terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	, in a raigia dable	min	AWG	20
		Max	AWG	12
	AMC Florible coble	IVIAA	AWG	12
	AWG - Flexible cable	*	A1A/O	20
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for dire	ect-on-line control			
otor power for dife	for three-phase motor			
	ioi tiliee-pilase filotoi	4001/	UП	1 5
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5



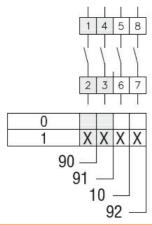
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	for single-phase motor			
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on			
Frontal IP degree				IP65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



Carias	L				
Series	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
III 60947-4-1



ENERGY AND AUTOMATION

GX2090U11

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Certificates			
	cULus		
	EAC		
ETIMA alamaticanti			

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete