

ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 16A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING



Product designation				Rotary cam switches
Product type designat				GX16
General characteristics	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 UI	IEC/EN UL/CSA	V V	690 600
Rated impulse withsta	nd voltage Uimp		kV	6
Conventional free air th	hermal current Ith			
		IEC/EN	Α	16
		UL/CSA	A	12
Rated operational volta			V kV	440
Rated operational imp	r short-circuit protection In (gG)		KV	4
Waxiiiidiii idae aize ioi	i short diredit protection in (ge)	10kA	Α	16
		15kA	Α	16
		25kA	Α	16
Rated short time curre	ent Icw	25kA		
	ent Icw		A kA	250
Conductivity		25kA		
		25kA	kA	250 10/5 mA/V
Conductivity	IEC/EN AC1/AC21A	25kA		250
Conductivity	IEC/EN	25kA 1s	kA A	250 10/5 mA/V 16
Conductivity	IEC/EN AC1/AC21A	25kA 1s	kA A	250 10/5 mA/V 16 10
Conductivity	IEC/EN AC1/AC21A	25kA 1s	kA A	250 10/5 mA/V 16
Conductivity	IEC/EN AC1/AC21A	25kA 1s 110V 220/230V	A A A	250 10/5 mA/V 16 10 8
Conductivity	IEC/EN AC1/AC21A AC15	25kA 1s 110V 220/230V 380/400V	A A A A	250 10/5 mA/V 16 10 8 4
Conductivity Operational current le	IEC/EN AC1/AC21A AC15	25kA 1s 110V 220/230V 380/400V 660/690V	A A A A A	250 10/5 mA/V 16 10 8 4 1.5
Conductivity Operational current le	IEC/EN AC1/AC21A AC15	25kA 1s 110V 220/230V 380/400V 660/690V	A A A A kW	250 10/5 mA/V 16 10 8 4 1.5
Conductivity Operational current le	IEC/EN AC1/AC21A AC15	25kA 1s 110V 220/230V 380/400V 660/690V 220/230V 380/440V	A A A A A kW	250 10/5 mA/V 16 10 8 4 1.5
Conductivity Operational current le	IEC/EN AC1/AC21A AC15 Ver in AC Three-phase AC-3	25kA 1s 110V 220/230V 380/400V 660/690V	A A A A kW	250 10/5 mA/V 16 10 8 4 1.5
Conductivity Operational current le	IEC/EN AC1/AC21A AC15	25kA 1s 110V 220/230V 380/400V 660/690V 220/230V 380/440V	A A A A A kW	250 10/5 mA/V 16 10 8 4 1.5





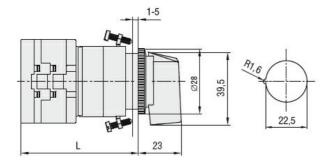
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		380/440V	kW	2.2
	Three-phase AC23A			
	•	220/230V	kW	3.7
		380/440V	kW	6.5
		500/690V	kW	7.5
	Single-phase AC23A			
	Omgro phago / (OZO/ (110V	kW	0.75
		220/230V	kW	1.8
		380/440V	kW	3
Data di an anationalia	organist in DO	300/440 V	KVV	ა
Rated operational c				
	DC21A		_	
		48V	Α	16
		60V	Α	16
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			
	· /	24V	Α	16 (1)
		48V	Α	16 (2)
		60V	A	16 (3)
		110V	A	10 (3)
	DC42	220V	A	7 (4)
	DC13		_	
		24V	Α	16
		48V	Α	14
		60V	Α	10
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features	3			
Terminals screw				3M
Tightening torque for	or terminals may		Nm	0.5
Conductor size	of terrification max		14111	0.0
Conductor Size	ANAC Digid achle			
	AWG - Rigid cable		414/0	0.0
		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			
	Conductor Sizo (IEO) Trigid Gabic	min	mm²	0.5
		Max	mm²	2.5
Machanical III		IVIAX		
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for dire				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
				•



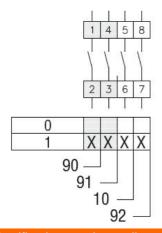
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	for single-phase motor			
		120V	HP	0.75
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on			
Frontal IP degree				IP65
Terminals IP degree				IP20
Dimensions				



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° 1	4		
IEC/EN/BS 609	47-1		
IEC/EN/BS 609	47- 3		
IEC/EN/BS 609	47-5-1		
IEC/EN/BS 610	58-1		
III 60947-4-1			



ENERGY AND AUTOMATION

GX1690U11

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Certificates				
	cULus			
	EAC			
FTIM classification				

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ETIM 8.0 EC001105 - Off-load switch