

GX20100 ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 3 POLES 20A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM



Product designation				Rotary cam		
-				switches		
Product type designation				GX20		
General characteristics				10 - ON/OFF		
Switching diagram				switch 3 poles		
N° of elements				2		
				O - Rear		
Mounting form				mounting with		
Ocate et al are staristica				black handle		
Contact characteristics						
Rated insulation voltage Ui		IEC/EN	V	690		
		UL/CSA	V V	600		
Rated impulse withstand voltage Ui	mp	00/00A	kV	6		
Conventional free air thermal currer			IX V	5		
		IEC/EN	А	20		
		UL/CSA	A	15		
Rated operational voltage			V	440		
Rated operational impulse voltage			kV	4		
Maximum fuse size for short-circuit	protection In (gG)					
		10kA	А	20		
		15kA	А	20		
		25kA	A	20		
Rated short time current Icw						
		1s	A	250		
Conductivity				10/5 mA/V		
Operational current le IEC/EN AC1/AC21	٨					
AC 1/AC21	~		А	20		
AC15			Λ	20		
		110V	А	10		
		220/230V	А	8		
		380/400V	А	6		
		660/690V	А	1.5		
Rated operational power in AC						
Three-phas	se AC-3					
		220/230V	kW	3.7		
		380/440V	kW	5.5		
Cingle she		500/690V	kW	5.5		
Single-pha	Se AU-3	110V	kW	0.75		
		220/230V	кvv kW	0.75 1.8		
		380/440V	kW	3		
Three-phas	se AC23A	000, 110		-		
		220/230V	kW	4		
		-				

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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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		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			
		48V	А	20
		60V	А	20
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
		220V	A	8 (4)
	DC13	2201		- (')
	2010	24V	А	20
		48V	A	16
		40V 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
Tightening torque for t	torminale may		Nm	0.8
Conductor size			INIII	0.0
Conductor size	AWC Digid apple			
	AWG - Rigid cable	in the	AWG	20
		min		20
		Max	AWG	12
	AWG - Flexible cable		A) A/O	00
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			0.5
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	<u>.</u>	-	o =
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life				1X10 ⁶
UL technical data			cycles	
Motor power for direct			cycles	
wotor power for direct	t-on-line control		cycles	
	t-on-line control for three-phase motor			
		120V	HP	1.5
		240V	HP HP	1.5 3
		240V 480V	HP HP HP	1.5 3 5
	for three-phase motor	240V	HP HP	1.5 3
		240V 480V 600V	HP HP HP	1.5 3 5 5
	for three-phase motor	240V 480V 600V 120V	HP HP HP HP	1.5 3 5 5 0.75
Motor power for direc	for three-phase motor	240V 480V 600V	HP HP HP HP	1.5 3 5 5

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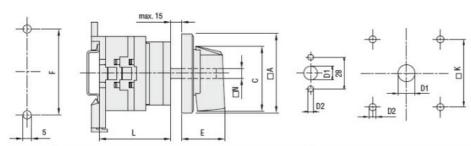
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Ambient conditions

Dimensions

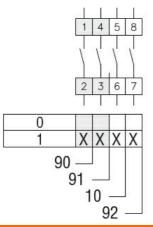
Temperature

Operating temperature				
	min	°C	-25	
	max	°C	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP65	
Terminals IP degree			IP20	



Series Dimensions		L Number of elements															
Series	□A	C	E	F	۵N	1	2	3	4	5	6	7	8	9	10	11	12
GX16	48	39.5	26.5	52	6	37	45.5	54	62.5	71	79.5	88	96.5	105	113.5	122	130.5
GX20	48	39.5	26.5	52	6	37	45.5	54	62.5	71	79.5	88	96.5	105	113.5	122	130.5
GX32	65	53	34.5	68	7	48	60	72	84	96	108	120	132	144	156	168	180
GX40	65	53	34.5	68	7	48	60	72	84	96	108	120	132	144	156	168	180

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

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ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete