



Product designation			Rotary cam
-			switches
Product type designation			GX20
General characteristics			90 - ON/OFF
Switching diagram			switch 1 pole
N° of elements			1
			O - Rear
Mounting form			mounting with
Contact characteristics			black handle
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	А	20
	UL/CSA	<u>A</u>	15
Rated operational voltage		V	440
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG)		kV	4
Maximum fuse 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			
AC15		A	20
AC15	110V	А	10
	220/230V	A	8
	380/400V	A	6
	660/690V	А	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	3.7
	380/440V 500/690V	kW	5.5 5.5
Single-phase AC-3	200/0307	kW	5.5
Single-pilase AC-3	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3
Three-phase AC23A			
	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



**GX20900** ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 20A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC23A			
	gie prose	110V	kW	0.75
		220/230V	kW	2.2
		380/440V	kW	3.5
Rated operational cu	rrent in DC	300/440 V		0.0
	DC21A			
	DOZTA	48V	А	20
		60V	A	20
		110V	A	4
		220V	A	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		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	А	12
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		V 0FF	W	0.6
Mechanical features			vv	0.0
Terminals screw				M3
	terminale may		Nm	0.8
Tightening torque for			INITI	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			
	Conductor size (IEC) - Rigid cable	min	mm²	0.5
	Conductor size (IEC) - Rigid cable		mm² mm²	0.5 2.5
Mechanical life	Conductor size (IEC) - Rigid cable	min	mm²	2.5
Mechanical life UL technical data	Conductor size (IEC) - Rigid cable	min		
UL technical data		min	mm²	2.5
	ct-on-line control	min	mm²	2.5
UL technical data		min Max	mm <sup>2</sup> cycles	2.5 1X10 <sup>6</sup>
UL technical data	ct-on-line control	min Max 120V	mm <sup>2</sup> cycles HP	2.5 1X10 <sup>6</sup>
UL technical data	ct-on-line control	min Max 120V 240V	mm <sup>2</sup> cycles HP HP	2.5 1X10 <sup>6</sup> 1.5 3
UL technical data	ct-on-line control	min Max 120V 240V 480V	mm <sup>2</sup> cycles HP HP HP	2.5 1X10 <sup>6</sup> 1.5 3 5
UL technical data	t-on-line control for three-phase motor	min Max 120V 240V	mm <sup>2</sup> cycles HP HP	2.5 1X10 <sup>6</sup> 1.5 3
UL technical data	ct-on-line control	min Max 120V 240V 480V 600V	mm <sup>2</sup> cycles HP HP HP HP	2.5 1X10 <sup>6</sup> 1.5 3 5 5 5
UL technical data	t-on-line control for three-phase motor	min Max 120V 240V 480V 600V 120V	mm <sup>2</sup> cycles HP HP HP HP HP	2.5 1X10 <sup>6</sup> 1.5 3 5 5 5 0.75
UL technical data	t-on-line control for three-phase motor	min Max 120V 240V 480V 600V	mm <sup>2</sup> cycles HP HP HP HP	2.5 1X10 <sup>6</sup> 1.5 3 5 5 5

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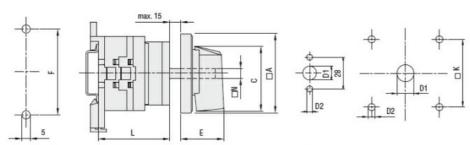
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Ambient conditions

## Temperature

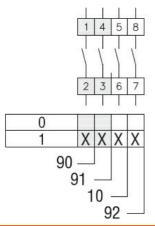
Dimensions

Operating tem	perature				
		min	°C	-25	
		max	°C	+55	
Storage tempe	rature				
		min	°C	-40	
		max	°C	+70	
Resistance & Protection					
Frontal IP degree				IP65	
Terminals IP degree				IP20	
Dimensione					



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

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