# GX2092O88



ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 4 POLES 20A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 48X48MM

Product designation		Rotary cam switches
Product type designation		GX20
General characteristics		
Switching diagram		92 - ON/OFF switch 4 poles
N° of elements		2
Mounting form		O88 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Contact characteristics		
Rated insulation voltage Ui	V	600
IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	kV	6
Conventional free air thermal current Ith		
IEC/EN	А	20
UL/CSA	А	15
Rated operational voltage	V	440
Rated operational impulse voltage	kV	4
Maximum fuse size for short-circuit protection In (gG)		0.0
10kA 15kA	A A	20 20
25kA 25kA	A	20
Rated short time current Icw	A	20
1s	kA	250
Conductivity		10/5 mA/V
Operational current le IEC/EN		
AC1/AC21A		
	A	20
AC15	^	10
110V 220/230V	A A	10 8
380/400V	A	6
660/690V	A	1.5
Rated operational power in AC		
Three-phase AC-3		
220/230V	kW	3.7
380/440V	kW	5.5
500/690V Single-phase AC-3	kW	5.5
Single-phase AC-3 110V	kW	0.75

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		220/230V	kW	1.8
		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
Deterland to the set		380/440V	kW	3.5
Rated operational curre				
	DC21A			
		48V	A	20
		60V	А	20
		110V	Α	4
		220V	Α	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)
	<b>D</b> 040	220V	Α	8 (4)
	DC13		_	
		24V	A	20
		48V	А	16
		60V	Α	12
		110V	А	1
		220V	А	0.4
		440V	А	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				M3
Tightening torque for te	arminals may		Nm	0.8
Conductor size				0.0
COnductor Size	ANAC Disid ashla			
	AWG - Rigid cable		A14/0	00
		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			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life		With	cycles	1X10 <sup>6</sup>
UL technical data			Cycles	
	on line control			
Motor power for direct-				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5

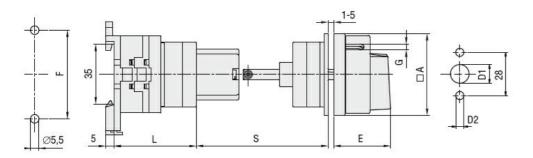
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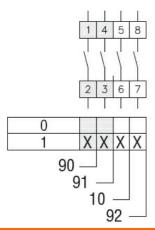
		600V	HP	5
	for single-phase motor			
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on			
Frontal IP degree				IP65
Terminals IP degree				IP20
D'an an tana				

Dimensions



Series	Dimensions					L						
Selles	□A	D1	D2	E	F	□K	G	S	1	2	3	12
GX16	48	12	5	34.2	52	36	5	45-55	40	48.5	57	133.5
GX20	48	12	5	34.2	52	36	5	45-55	40	48.5	57	133.5
GX32	65	14	5	38	68	48	6	45-55	51	63	75	183
GX40	65	14	5	38	68	48	6	45-55	51	63	75	183

#### Wiring diagrams



# Certifications and compliance

Compliance

## CSA C22.2 n° 14 IEC/EN/BS 60947-1

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	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
	IEC/EN/BS 61058-1	
	UL60947-4-1	
Certificates		
	cULus	
	EAC	
ETIM classification	n	
ETIM 8.0		EC001105 - Off- load switch