

**GX2054U12** ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH WITHOUT 0, 1 POLE 20A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

Product designation			Rotary cam
-			switches
Product type designation General characteristics			GX20
Switching diagram			54 - Changeover switch without 0 1 pole
N° of elements			1
Mounting form Contact characteristics			U12 - Front mounting without front plate with key operation for hole diam. 22mm fixing
Rated insulation voltage Ui			
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEC/EN UL/CSA	A A	20 15
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA 15kA 25kA	A A A	20 20 20
Rated short time current Icw	20101	7.	20
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		A	20
AC15			
	110V 220/230V	A A	10
	380/400V	A	8 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	kW	5.5
Single-phase AC-3	440)/	1.3.67	0.75
	110V 220/230V	kW kW	0.75 1.8
	380/440V	kW	3
Three-phase AC23A	000/440 V		0
	220/230V	kW	4
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC23A	110V	kW	0.75

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ENERGY AND AUTOMATION

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		220/2201/	1.3.47	0.0
		220/230V	kW	2.2
Data d an anational aur	reat in DC	380/440V	kW	3.5
Rated operational cur	DC21A			
	DOZTA	48V	А	20
		48V 60V	A	20
		110V	A	4
		220V		4 0.6
			A	
		440V	A	0.25
	DC23A (poles in series)	241/	۸	20 (1)
		24V	A	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	А	10 (3)
		220V	A	8 (4)
	DC13			
		24V	A	20
		48V	А	16
		60V	А	12
		110V	Α	1
		220V	А	0.4
		440V	А	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				M3
Tightening torque for	terminals max		Nm	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	ινιάλ		2.0
	Conductor Size (IEC) - Rigid Cable	min	mm <sup>2</sup>	0.5
		min	mm²	0.5
Machanizatili		Max	mm²	2.5
Mechanical life			cycles	1X10 <sup>6</sup>
UL technical data	t on line control			
Motor power for direc				
	for three-phase motor	40017		4 5
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25

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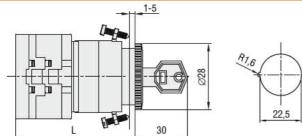
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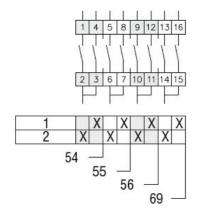
	max	°C	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP65	
Terminals IP degree			IP20	
Dimonsions				

Dimensions



Cariaa	L			
Series	1	2	3.	8
GX16	54	62.5	71	113.4
GX20	54	62.5	71	113.4

## 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	
ETIM classification		
		EC001029 -
ETIM 8.0		Selector switch, complete

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