

## ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH 1 POLE 16A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam
· ·			switches
Product type designation  General characteristics			GX16
Switching diagram			51 - Changeover switch 1 pole
N° of elements			1
			O - Rear
Mounting form			mounting with black handle
Contact characteristics			DIACK HAHGIE
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	Α	16
	UL/CSA	Α	12
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
1 (3 /	10kA	Α	16
	15kA	Α	16
	25kA	Α	16
Rated short time current Icw	<del>-</del>		
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			10/0 11// 4
AC1/AC21A			
AO I/AO2 IA		Α	16
AC15			10
A013	110V	Α	10
	220/230V	A	8
	380/400V		
	660/690V	A A	4 1.5
Rated operational power in AC	000/090 V		1.0
·			
Three-phase AC-3	220/2201/	F/V1	2.5
	220/230V	kW	3.5
	380/440V	kW kW	4.5 5.5
Single phase AC 2	500/690V	KVV	5.5
Single-phase AC-3	440\7	1-///	0.55
	110V	kW	0.55
	220/230V	kW	1.5
Three mhore ACOOA	380/440V	kW	2.2
Three-phase AC23A	000/0001	12/47	2.7
	220/230V	kW	3.7
	380/440V	kW	6.5
0: 1 1 40001	500/690V	kW	7.5
Single-phase AC23A	44017	1-7.67	0.75
	110V	kW	0.75
	220/230V	kW	1.8
Rated operational current in DC	380/440V	kW	3



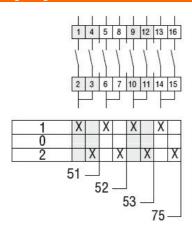
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	DC21A				
	BOZIA	48V	Α	16	
		60V	Α	16	
		110V	Α	4	
		220V	Α	0.6	
		440V	Α	0.25	
	DC23A (poles in series)	<del>-</del>			
	\(\frac{1}{2}\)	24V	Α	16 (1)	
		48V	Α	16 (2)	
		60V	Α	16 (3)	
		110V	Α	10 (3)	
		220V	Α	7 (4)	
	DC13				
		24V	Α	16	
		48V	Α	14	
		60V	Α	10	
		110V	Α	1	
		220V	Α	0.4	
		440V	Α	0.15	
Power dissipation			W	0.6	
Mechanical features					
Terminals screw				3M	
Tightening torque for te	erminals max		Nm	0.5	
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	0.5	
UL technical data		min	mm² mm²	0.5 2.5	
	on-line control	min	mm² mm²	0.5 2.5	
UL technical data		min Max	mm² mm² cycles	0.5 2.5 1X10 <sup>6</sup>	
UL technical data	on-line control	min Max 120V	mm² mm² cycles	0.5 2.5 1X10 <sup>6</sup>	
UL technical data	on-line control	min Max 120V 240V	mm² mm² cycles	0.5 2.5 1X10 <sup>6</sup> 1.5	
UL technical data	on-line control	min Max 120V 240V 480V	mm² mm² cycles	0.5 2.5 1X10 <sup>6</sup> 1.5 3	_
UL technical data	on-line control for three-phase motor	min Max 120V 240V	mm² mm² cycles	0.5 2.5 1X10 <sup>6</sup> 1.5	
UL technical data	on-line control	120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	0.5 2.5 1X10 <sup>6</sup> 1.5 3 5	
UL technical data	on-line control for three-phase motor	min Max 120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP HP	0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5	
UL technical data Motor power for direct-	on-line control for three-phase motor	120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	0.5 2.5 1X10 <sup>6</sup> 1.5 3 5	
UL technical data  Motor power for direct-	on-line control for three-phase motor	min Max 120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP HP	0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5	
UL technical data Motor power for direct-	on-line control for three-phase motor  for single-phase motor	min Max 120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP HP	0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5	
UL technical data  Motor power for direct-	on-line control for three-phase motor	min Max 120V 240V 480V 600V 120V 240V	mm² mm² cycles  HP HP HP HP HP	0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5 0.75	
UL technical data  Motor power for direct-	on-line control for three-phase motor  for single-phase motor	min Max 120V 240V 480V 600V 120V 240V	mm² mm² cycles  HP HP HP HP HP	0.5 2.5 1X10° 1.5 3 5 5 0.75 1	
UL technical data  Motor power for direct-	on-line control for three-phase motor  for single-phase motor  Operating temperature	min Max 120V 240V 480V 600V 120V 240V	mm² mm² cycles  HP HP HP HP HP	0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5 0.75	
UL technical data  Motor power for direct-	on-line control for three-phase motor  for single-phase motor	min Max 120V 240V 480V 600V 120V 240V	mm² mm² cycles  HP HP HP HP HP	0.5 2.5 1X10° 1.5 3 5 5 0.75 1	



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	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensions			
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

**ETIM 8.0** 

EC001029 -Selector switch, complete