

GX1651O48 ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH 1 POLE 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation			Rotary cam
			switches
Product type designation General characteristics			GX16
			51 - Changeover
Switching diagram			switch 1 pole
N° of elements			1
Mounting form			O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		kV	6
	IEC/EN	А	16
	UL/CSA	A	12
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	16
	15kA	A	16
Rated short time current Icw	25kA	A	16
Rated short time current icw	1s	А	250
Conductivity	15		10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	16
AC15			
	110V	A	10
	220/230V	A	8
	380/400V 660/690V	A A	4 1.5
Rated operational power in AC	000/0001		1.0
Three-phase AC-3			
·	220/230V	kW	3.5
	380/440V	kW	4.5
	500/690V	kW	5.5
Single-phase AC-3	4401/		0.55
	110V 220/230V	kW kW	0.55 1.5
	220/230V 380/440V	kW	2.2
Three-phase AC23A	000/140/		
	220/230V	kW	3.7
	380/440V	kW	6.5
	500/690V	kW	7.5
Single-phase AC23A			
	110V	kW	0.75
	220/230V	kW	1.8

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		380/440V	kW	3
Rated operational curr				
	DC21A			
		48V	Α	16
		60V	А	16
		110V	Α	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	0.01/		10 (1)
		24V	A	16 (1)
		48V	A	16 (2)
		60V	A	16 (3) 10 (2)
		110V	A	10 (3)
	D 040	220V	A	7 (4)
	DC13	041/	^	4.0
		24V	A	16
		48V	A	14
		60V	A	10
		110V	A	1
		220V	A	0.4
<u> </u>		440V	<u>A</u>	0.15
Power dissipation			W	0.6
Mechanical features				214
Terminals screw			Nine	3M
Tightening torque for t	erminais max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			00
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable		2	0 F
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	•		0.5
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10⁵
UL technical data				
Motor power for direct				
	for three-phase motor	10017		4 5
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor	1001		0.75
		120V	HP	0.75
A		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			~-
		min	°C	-25
		max	°C	+55

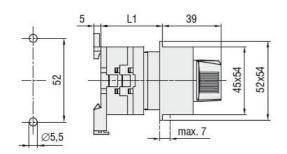
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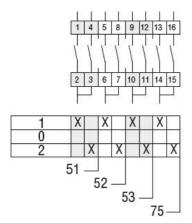
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Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP65	
Terminals IP degree			IP20	
Dimensions				



Corioo	L1			
Series	1	2	3	
GX16	33	41.5	50	
GX20	33	41.5	50	

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		EC001105 - Off- load switch

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