

GX1605O48 ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

				Poton/ com
Product designation				Rotary cam switches
Product type designation				GX16
General characteristics				
Switching diagram				05 - ON/OFF switch 1 pole
N° of elements				1
				O48 - Modular
Mounting form				service cover for 35mm din rail
Mounting form				mounting with
				black handle
Contact characteristics				
Rated insulation voltage Ui				
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstand voltage			kV	6
Conventional free all thermal c		IEC/EN	А	16
		UL/CSA	A	12
Rated operational voltage		02,00,1	V	440
Rated operational impulse volt	age		kV	4
Maximum fuse size for short-c	-			
		10kA	А	16
		15kA	А	16
		25kA	A	16
Rated short time current Icw		4 -	1. 4	050
Conductivity		1s	kA	250 10/5 mA/V
Operational current le IEC/EN				10/5 IIIA/ V
•	AC21A			
			А	16
AC15				
		110V	А	10
		220/230V	А	8
		380/400V	A	4
Rated operational power in AC	N	660/690V	A	1.5
	, -phase AC-3			
Thee		220/230V	kW	3.5
		380/440V	kW	4.5
		500/690V	kW	5.5
Single	-phase AC-3			
		110V	kW	0.55
		220/230V	kW	1.5
		380/440V	kW	2.2
Ihree	-phase AC23A	220/230V	۲/۷/	3.7
		220/230V 380/440V	kW kW	3.7 6.5
		500/690V	kW	7.5
Single	-phase AC23A			-
Ŭ		110V	kW	0.75
		220/230V	kW	1.8
		380/440V	kW	3

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Rated operational current in DC

	DC21A				
		48V	А	16	
		60V	А	16	
		110V	A	4	
		220V	A	0.6	
		440V	A	0.25	
	DC23A (poles in series)				
	u i	24V	А	16 (1)	
		48V	A	16 (2)	
		60V	А	16 (3)	
		110V	А	10 (3)	
		220V	Α	7 (4)	
	DC13				
		24V	А	16	
		48V	А	14	
		60V	А	10	
		110V	А	1	
		220V	А	0.4	
		440V	A	0.15	
Den se l'actuation		440 V			
Power dissipation			W	0.6	
Mechanical features					
Terminals screw				3M	
Tightening torque for te	erminals max		Nm	0.5	
				0.0	
Conductor size					
	AWG - Rigid cable				
		min	AWG	20	
		Max	AWG	12	
	AWG - Flexible cable				
			A \ A/O	00	
		min	AWG	20	
		min Max	AWG AWG	20 12	
	Conductor size (IEC) - Flexible cable				
		Max	AWG	12	
		Max min	AWG	12 0.5	
	Conductor size (IEC) - Flexible cable	Max	AWG	12	
		Max min Max	AWG mm² mm²	12 0.5 2.5	
	Conductor size (IEC) - Flexible cable	Max min Max min	AWG mm ² mm ² mm ²	12 0.5 2.5 0.5	
	Conductor size (IEC) - Flexible cable	Max min Max	AWG mm² mm²	12 0.5 2.5	
Mechanical life	Conductor size (IEC) - Flexible cable	Max min Max min	AWG mm ² mm ² mm ²	12 0.5 2.5 0.5 2.5	
Mechanical life	Conductor size (IEC) - Flexible cable	Max min Max min	AWG mm ² mm ² mm ²	12 0.5 2.5 0.5	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min	AWG mm ² mm ² mm ²	12 0.5 2.5 0.5 2.5	
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UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG mm² mm² mm² cycles	12 0.5 2.5 0.5 2.5 1X10 ⁶	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V	AWG mm ² mm ² mm ² cycles HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V 480V	AWG mm ² mm ² mm ² cycles HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max min Max 120V 240V	AWG mm ² mm ² mm ² cycles HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V 480V	AWG mm ² mm ² mm ² cycles HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm ² mm ² mm ² cycles HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm ² mm ² cycles HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75	
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm ² mm ² mm ² cycles HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5	
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm ² mm ² cycles HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75	
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm ² mm ² cycles HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75	
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm ² mm ² cycles HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75	
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control for three-phase motor for single-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm ² mm ² cycles HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75	

Storage temperature

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°C

max

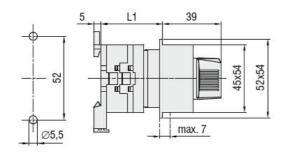
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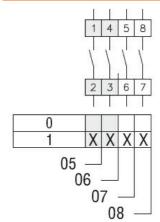
	min °C -40
	max °C +70
Resistance & Protection	
Frontal IP degree	IP65
Terminals IP degree	IP20

Dimensions



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

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	
ETIM classification		
		EC001029 -
ETIM 8.0		Selector switch, complete

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