

GX2010U25 ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 3 POLES 20A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 48X48MM

Product designation				Rotary cam switches
Product type designation				GX20
General characteristics				10 - ON/OFF
Switching diagram				switch 3 poles
N° of elements				2
Mounting form				U25 - Front mounting with red/yellow handle padlockable in 0 and protection covers
Contact characteristics				
Rated insulation voltage	e Ui	IEC/EN UL/CSA	V V	690 600
Rated impulse withstar	nd voltage Uimp		kV	6
Conventional free air th				
		IEC/EN UL/CSA	A A	20 15
Rated operational volta	ige		V	440
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	A	20
		15kA	A	20 20
Rated short time currer	at Icw	25kA	A	20
		1s	kA	250
Conductivity				10/5 mA/V
Operational current le l	EC/EN			
	AC1/AC21A			
	4045		A	20
	AC15	110V	А	10
		220/230V	A	8
		380/400V	A	6
		660/690V	A	1.5
Rated operational power	er in AC			
	Three-phase AC-3			
		220/230V	kW	3.7
		380/440V	kW	5.5
	Single phase AC 2	500/690V	kW	5.5
	Single-phase AC-3	110V	kW	0.75
		220/230V	kW	1.8
		220,200 1		

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		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	
		380/440V	kW	3.5	
Rated operational curre	ent in DC				
	DC21A				
	-	48V	А	20	
		60V	A	20	
		110V			
			A	4	
		220V	A	0.6	
		440V	А	0.25	
	DC23A (poles in series)				
		24V	А	20 (1)	
		48V	А	20 (2)	
		60V	А	20 (3)	
		110V	A	10 (3)	
		220V	A	8 (4)	
	DC13	220 V	~	0 (4)	
	DC13	0.01			
		24V	A	20	
		48V	А	16	
		60V	А	12	
		110V	А	1	
		220V	А	0.4	
		440V	А	0.15	
Power dissipation			W	0.6	
Mechanical features					
Mechanical leatures					
				M3	
Terminals screw	arminals may		Nm	M3	
Terminals screw Tightening torque for te	erminals max		Nm	M3 0.8	
Terminals screw			Nm		
Terminals screw Tightening torque for te	erminals max AWG - Rigid cable			0.8	
Terminals screw Tightening torque for te		min	AWG	0.8	
Terminals screw Tightening torque for te	AWG - Rigid cable	min Max		0.8	
Terminals screw Tightening torque for te			AWG	0.8	
Terminals screw Tightening torque for te	AWG - Rigid cable		AWG	0.8	
Terminals screw Tightening torque for te	AWG - Rigid cable	Max	AWG AWG	0.8 20 12	
Terminals screw Tightening torque for te	AWG - Rigid cable AWG - Flexible cable	Max min	AWG AWG AWG	0.8 20 12 20	
Terminals screw Tightening torque for te	AWG - Rigid cable	Max min Max	AWG AWG AWG AWG	0.8 20 12 20 12	
Terminals screw Tightening torque for te	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG mm ²	0.8 20 12 20 12 0.5	
Terminals screw Tightening torque for te	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG AWG	0.8 20 12 20 12	
Terminals screw Tightening torque for te	AWG - Rigid cable AWG - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm ² mm ²	0.8 20 12 20 12 0.5 2.5	
Terminals screw Tightening torque for te	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ²	0.8 20 12 20 12 0.5 2.5 0.5	
Terminals screw Tightening torque for te Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm ² mm ² mm ²	0.8 20 12 20 12 0.5 2.5 0.5 2.5	
Terminals screw Tightening torque for te Conductor size Mechanical life	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ²	0.8 20 12 20 12 0.5 2.5 0.5	
Terminals screw Tightening torque for te Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ² mm ²	0.8 20 12 20 12 0.5 2.5 0.5 2.5	
Terminals screw Tightening torque for te Conductor size Mechanical life	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ² mm ²	0.8 20 12 20 12 0.5 2.5 0.5 2.5	
Terminals screw Tightening torque for te Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG AWG mm ² mm ² mm ²	0.8 20 12 20 12 0.5 2.5 0.5 2.5	
Terminals screw Tightening torque for te Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ² mm ²	0.8 20 12 20 12 0.5 2.5 0.5 2.5	
Terminals screw Tightening torque for te Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG Mm ² mm ² mm ² cycles	0.8 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶	
Terminals screw Tightening torque for te Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V	AWG AWG AWG mm ² mm ² mm ² cycles	0.8 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3	
Terminals screw Tightening torque for te Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG mm ² mm ² mm ² cycles	0.8 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5	

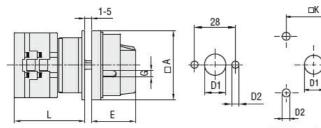
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	for single-phase motor			
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	ion			
Frontal IP degree				IP65
Terminals IP degree				IP20
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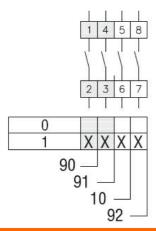
Dimensions



Drillings for 4 screws fixing (4V version).

Series			Dime	nsions				1	2	
Series	$\Box A$	D1	D2	E	G	□K	1	2	3	12
GX16	48	12	5	34.2	5	36	43	51.5	60	136.5
GX20	48	12	5	34.2	5	36	43	51.5	60	136.5
GX32	65	14	5	38	6	48	51	63	75	183
GX40	65	14	5	38	6	48	51	63	75	183

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14 IEC/EN/BS 60947-1 IEC/EN/BS 60947-3

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	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