

GX3210U25 ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 3 POLES 32A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM



Product designation			Rotary cam
-			switches
Product type designation			GX32
General characteristics			40 00/055
Switching diagram			10 - ON/OFF switch 3 poles
N° of elements			2
			U25 - Front
			mounting with
			red/yellow handle
Mounting form			padlockable in 0
			and protection
			covers
Contact characteristics			
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	A	32
	UL/CSA	<u>A</u>	32
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	101-0	^	25
	10kA 15kA	A A	35 35
	25kA	A	35
Rated short time current Icw	ZJKA	Α	55
	1s	А	1000
Conductivity	15		10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	32
AC15			
	110V	А	25
	220/230V	А	20
	380/400V	А	10
	660/690V	А	2
Rated operational power in AC			
Three-phase AC3			
	220/230V	kW	7.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC3			
	110V	kW	1.8
	220/230V	kW	3.5

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		380/440V	kW	5.5
	Three-phase AC23A			
		220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	15
	Single-phase AC23A			
		110V	kW	2.2
		220/230V	kW	3.5
Deterlar section also		380/440V	kW	6
Rated operational curre				
	DC21A			
		48V	А	32
		60V	А	32
		110V	А	5
		220V	А	0.8
		440V	A	0.25
	DC23A (poles in series)	1101		0.20
		2414	٨	22 (1)
		24V	A	32 (1)
		48V	А	32 (2)
		60V	А	32 (3)
		110V	А	15 (3)
		220V	А	12 (4)
	DC13			
		24V	А	32
		48V	A	25
		40V 60V	A	14
		110V	A	3
		220V	А	0.5
		440V	A	0.15
Power dissipation			W	1.6
Mechanical features				
Terminals screw				M4
Tightening torque for te	erminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
	AWG - Rigid cable	min		16
	AWG - Rigid cable	min	AWG	16
		min Max	AWG AWG	16 8
	AWG - Rigid cable AWG - Flexible cable	Max	AWG	8
		Max min	AWG AWG	8
	AWG - Flexible cable	Max	AWG	8
		Max min	AWG AWG	8
	AWG - Flexible cable	Max min	AWG AWG	8
	AWG - Flexible cable	Max min Max min	AWG AWG AWG mm²	8 16 10 1.5
	AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG	8 16 10
	AWG - Flexible cable	Max min Max min Max	AWG AWG AWG mm ² mm ²	8 16 10 1.5 6
	AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG mm ² mm ²	8 16 10 1.5 6 1.5
	AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm ² mm ² mm ²	8 16 10 1.5 6 1.5 10
Mechanical life	AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG mm ² mm ²	8 16 10 1.5 6 1.5
Mechanical life UL technical data	AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG mm ² mm ² mm ²	8 16 10 1.5 6 1.5 10
Mechanical life	AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable on-line control	Max min Max min Max min	AWG AWG AWG mm ² mm ² mm ²	8 16 10 1.5 6 1.5 10
Mechanical life UL technical data	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	8 16 10 1.5 6 1.5 10
Mechanical life UL technical data	AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable on-line control	Max min Max min Max min	AWG AWG AWG mm ² mm ² mm ²	8 16 10 1.5 6 1.5 10
Mechanical life UL technical data	AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable on-line control	Max min Max min Max min Max	AWG AWG AWG mm ² mm ² mm ² cycles	8 16 10 1.5 6 1.5 10 1X10 ⁶
Mechanical life UL technical data	AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable on-line control	Max min Max min Max 120V 240V	AWG AWG mm ² mm ² mm ² cycles	8 16 10 1.5 6 1.5 10 1X10 ⁶ 3 7.5
Mechanical life UL technical data	AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable on-line control	Max min Max min Max 120V	AWG AWG AWG mm ² mm ² cycles	8 16 10 1.5 6 1.5 10 1X10 ⁶ 3

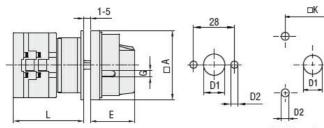
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	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	tion			
Frontal IP degree				IP65
Terminals IP degree				IP20

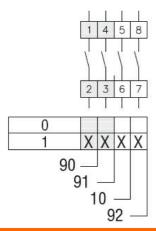
Dimensions



Drillings for 4 screws fixing (4V version).

Series			Dime	nsions				1	1	
Series	$\Box A$	D1	D2	E	G	$\Box K$	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	h	
ETIM 8.0		EC001105 - Off- load switch

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