

GX1605U25 ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 16A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 48X48MM

				Rotary cam
Product designation				switches
Product type designati				GX16
General characteristics				05 - ON/OFF
Switching diagram				switch 1 pole
N° of elements				1
				U25 - Front
				mounting with red/yellow handle
Mounting form				padlockable in 0
				and protection
				covers
Contact characteristics				
Rated insulation voltag	e Ui	IEC/EN	V	600
		UL/CSA	V	690 600
Rated impulse withstar	nd voltage Llimp	06/007	kV	6
Conventional free air th				
		IEC/EN	А	16
		UL/CSA	А	12
Rated operational volta	-		V	440
Rated operational impo			kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	A	16
		15kA 25kA	A A	16 16
Rated short time curre	nt Icw	20174	Λ	10
		1s	kA	250
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			A	16
	AC15	140\/	۸	10
		110V 220/230V	A A	10 8
		380/400V	A	4
		660/690V	A	1.5
Rated operational pow	er in AC			
	Three-phase AC-3			
		220/230V	kW	3.5
		380/440V	kW	4.5
	Single phase AC 2	500/690V	kW	5.5
	Single-phase AC-3	110V	kW	0.55
		220/230V	kW	1.5
		380/440V	kW	2.2
	Three-phase AC23A			
		220/230V	kW	3.7
		380/440V	kW	6.5
	Circle share ACO24	500/690V	kW	7.5
	Single-phase AC23A	110V	kW	0.75
		1100	r. v v	11 1.1
		220/230V	kW	1.8



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		380/440V	kW	3
Rated operational cur				
	DC21A			
		48V	A	16
		60V	А	16
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)			
		24V	A	16 (1)
		48V	А	16 (2)
		60V	А	16 (3)
		110V	А	10 (3)
		220V	A	7 (4)
	DC13			
		24V	А	16
		48V	А	14
		60V	А	10
		110V	А	1
		220V	А	0.4
		440V	А	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				3M
Tightening torque for	terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	THEX.	/0	12
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIDA	ANO	12
	Conductor size (IEC) - Flexible cable	min	mm²	0.5
	Conductor size (IEC) Dirid coble	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable		2	0.5
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for direc				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
		120V	HP	0.75
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55

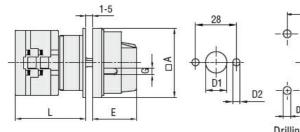
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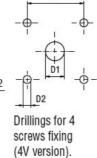
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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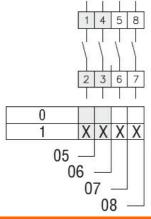
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensions			





Series	Dimensions					L				
	□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 IEC/EN/BS 60947-5-1 IEC/EN/BS 61058-1 UL60947-4-1 Certificates cULus EAC ETIM classification

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ETIM 8.0

EC001029 -Selector switch, complete