electric ENCLOSED ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3, 2 POLES 16A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE **ENERGY AND AUTOMATION**

Product designation			Rotary cam switches
Product type designation			GX16
General characteristics			
Switching diagram			86 - Multi-step 1- 2-3 2 poles
N° of elements			3
Mounting form			P - Plastic enclosure with black handle
Contact characteristics			Sidor Haridio
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	150/5N		4.0
	IEC/EN UL/CSA	A	16 12
Rated operational voltage	UL/CSA	A V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		ic v	'
(90)	10kA	Α	16
	15kA	Α	16
	25kA	Α	16
Rated short time current Icw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		Α	16
AC15			10
AOTO	110V	Α	10
	220/230V	Α	8
	380/400V	Α	4
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3	000/000/		
	220/230V	kW	3.5
	380/440V 500/690V	kW kW	4.5 5.5
Single-phase AC-3	300/090 V	KVV	3.3
Olligie phase AO 5	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
	500/690V	kW	7.5
Single-phase AC23A	4401	1 147	0.75
	110V	kW	0.75
	220/230V 380/440V	kW kW	1.8
Rated operational current in DC	36U/44UV	V A A	3

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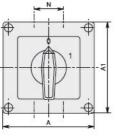
	DC21A				
	DOZTA	48V	Α	16	
		60V	A	16	
		110V	A	4	
		220V	A	0.6	
		440V	A	0.25	
	DC23A (poles in series)			0.20	
	2 0 20 / (poiso iii ooiloo)	24V	Α	16 (1)	
		48V	Α	16 (2)	
		60V	Α	16 (3)	
		110V	Α	10 (3)	
		220V	Α	7 (4)	
	DC13			()	_
		24V	Α	16	
		48V	Α	14	
		60V	Α	10	
		110V	Α	1	
		220V	Α	0.4	
		440V	Α	0.15	
Power dissipation			W	0.6	
Mechanical features					
Terminals screw				ЗМ	
Tightening torque for te	erminals max		Nm	0.5	
Conductor size					
	AWG - Rigid cable				
		min	AWG	20	
		Max	AWG	12	
	AWG - Flexible cable				
		min	AWG	20	
		Max	AWG	12	
	Conductor size (IEC) - Flexible cable	Max			
	Conductor size (IEC) - Flexible cable	min	mm²	0.5	
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min Max	mm² mm²	0.5 2.5	
		min Max min	mm² mm²	0.5 2.5 0.5	
		min Max	mm² mm² mm² mm²	0.5 2.5 0.5 2.5	
Mechanical life		min Max min	mm² mm²	0.5 2.5 0.5	_
UL technical data	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm² mm²	0.5 2.5 0.5 2.5	
	Conductor size (IEC) - Rigid cable on-line control	min Max min	mm² mm² mm² mm²	0.5 2.5 0.5 2.5	
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max	mm² mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	min Max min Max	mm² mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	min Max min Max 120V 240V	mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	min Max min Max 120V 240V 480V	mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶	
UL technical data	Conductor size (IEC) - Rigid cable on-line control for three-phase motor	min Max min Max 120V 240V	mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5	
UL technical data	Conductor size (IEC) - Rigid cable on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles	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) - Rigid cable on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5	
UL technical data Motor power for direct-order Ambient conditions	Conductor size (IEC) - Rigid cable on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles	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) - Rigid cable on-line control for three-phase motor for single-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5	
UL technical data Motor power for direct-order Ambient conditions	Conductor size (IEC) - Rigid cable on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5	
UL technical data Motor power for direct-order Ambient conditions	Conductor size (IEC) - Rigid cable on-line control for three-phase motor for single-phase motor	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles HP HP HP HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75 1	
UL technical data Motor power for direct-order Ambient conditions	Conductor size (IEC) - Rigid cable on-line control for three-phase motor for single-phase motor Operating temperature	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5	
UL technical data Motor power for direct-order Ambient conditions	Conductor size (IEC) - Rigid cable on-line control for three-phase motor for single-phase motor	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles HP HP HP HP HP	0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75 1	

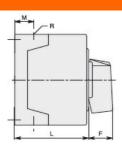
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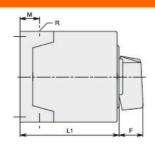
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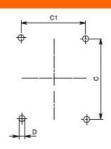


Dimensions



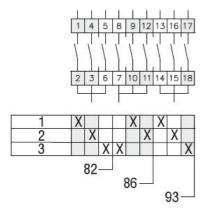






GX16 GX20	90x90	1-2	3-5 3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX16	110x110	1 - 3	4-7				1					1			
GX20		1 - 3	4-7	110	110	00.4	00	4.5	20	04	20.5	05.5	1105	40004	IDCC
GX32		1 - 2	3-4	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
GX40		1 - 2	3-4												

Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

IEC/EN/BS 61058-1

Certificates

EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete