ENERGY AND AUTOMATION

ENCLOSED ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3, 1 POLE 16A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Product designation			Enclosed rotary cam switch
Product type designation			GX16
General characteristics			5,110
Switching diagram			82 - Multi-step 1- 2-3 1 pole
N° of elements			2
Mounting form			P - Plastic enclosure with black handle
Contact characteristics			Black Hariale
Rated insulation voltage Ui			
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	OLICOA	kV	6
Conventional free air thermal current Ith		100	
Convolutional floo all triormal current far	IEC/EN	Α	16
	UL/CSA	Α	12
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	16
	15kA	Α	16
B. I.	25kA	A	16
Rated short time current lcw	4.		050
Conductivity	1s	kA	250 10/5 mA/V
Conductivity Operational current le IEC/EN			10/5 MA/ V
AC1/AC21A			
AOTAOZIA		Α	16
AC15			
	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			
	220/230V	kW	3.5
	380/440V 500/690V	kW kW	4.5 5.5
Single-phase AC-3	300/090 V	KVV	5.5
Siligie-pliase 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
	500/690V	kW	7.5
Single-phase AC23A			
	110V	kW	0.75
	220/230V	kW	1.8
Rated operational current in DC	380/440V	kW	3



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	DC21A			
	DCZTA	48V	Α	16
		60V	A	16
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	440 V		0.23
	DOZON (poles in series)	24V	Α	16 (1)
		48V	A	16 (2)
		60V	A	16 (3)
		110V	A	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				3M
Tightening torque for te	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	3	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
				00
		min	AWG	20
		min Max	AWG AWG	12
	Conductor size (IEC) - Flexible cable			
	Conductor size (IEC) - Flexible cable			
	Conductor size (IEC) - Flexible cable	Max	AWG	12
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min	AWG	0.5
		Max min	AWG	0.5
		Max min Max	AWG mm² mm²	12 0.5 2.5
Mechanical life		Max min Max min	AWG mm² mm² mm²	0.5 2.5 0.5
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min	AWG mm² mm² mm² mm²	0.5 2.5 0.5 2.5
	Conductor size (IEC) - Rigid cable	Max min Max min	AWG mm² mm² mm² mm²	0.5 2.5 0.5 2.5
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶
UL technical data	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) - Rigid cable	Max min Max min Max	AWG mm² mm² mm² cycles HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V 480V	AWG mm² mm² mm² cycles HP HP	12 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	Max min Max min Max	AWG mm² mm² mm² cycles HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² mm² cycles 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) - Rigid cable -on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² mm² cycles HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10° 1.5 3 5 5
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² mm² cycles 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) - Rigid cable -on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² mm² cycles HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10° 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	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² mm² cycles HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10° 1.5 3 5 5
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V 120V 240V	AWG mm² mm² mm² 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) - Rigid cable -on-line control for three-phase motor for single-phase motor	Max min Max min Max 120V 240V 480V 600V 120V 240V	AWG mm² mm² mm² cycles HP HP HP HP HP HP	12 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-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor for single-phase motor Operating temperature	Max min Max min Max 120V 240V 480V 600V 120V 240V	AWG mm² mm² mm² 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) - Rigid cable -on-line control for three-phase motor for single-phase motor	Max min Max min Max 120V 240V 480V 600V 120V 240V	AWG mm² mm² mm² cycles HP HP HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75 1

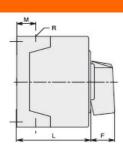
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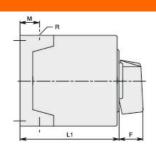


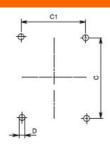
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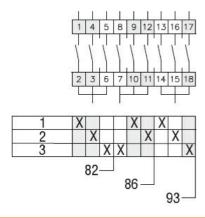






GX16 GX20	90x90	1-2	3-5 3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX16	110x110	1 - 3	4-7				1					1			
GX20		1 - 3	4-7	110	110	00.4	00	4.5	20	04	20.5	05.5	1105	40004	IDCC
GX32		1 - 2	3-4	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
GX40		1 - 2	3-4												

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