ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3-4, 3 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation				Rotary cam switches
Product type designation General characteristics				GX20
Switching diagram				94 - Multi-step 1- 2-3-4 3 poles
N° of elements				6
Mounting form				U - Front mounting with black handle
Contact characteristics				
Rated insulation voltage Ui				
		IEC/EN	V	690
Data Para La Mata La Roya Para		UL/CSA	V	600
Rated impulse withstand voltage Uimp Conventional free air thermal current It			kV	6
Conventional free air thermal current it	n	IEC/EN	Α	20
		UL/CSA	A	15
Rated operational voltage		OLICOA		440
Rated operational impulse voltage			kV	4
Maximum fuse size for short-circuit pro	otection In (aG)			·
	(3-)	10kA	Α	20
		15kA	Α	20
		25kA	Α	20
Rated short time current Icw				
		1s	kA	250
Conductivity				10/5 mA/V
Operational current le IEC/EN				
AC1/AC21A			•	0.0
1015			Α	20
AC15		110V	۸	10
		220/230V	A A	10 8
		380/400V	A	6
		660/690V	Α	1.5
Rated operational power in AC				
Three-phase /	AC-3			
·		220/230V	kW	3.7
		380/440V	kW	5.5
		500/690V	kW	5.5
Single-phase	AC-3			
		110V	kW	0.75
		220/230V	kW	1.8
Throophase	ΛC22Λ	380/440V	kW	3
Three-phase	HUZJA	220/230V	kW	4
		380/440V	kW	7.5
		500/690V	kW	7.5 7.5
Single-phase	AC23A	330,3334		
5g.s pridoc		110V	kW	0.75
		220/230V	kW	2.2
		380/440V	kW	3.5
Rated operational current in DC		380/440V	KVV	3.5





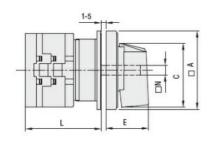
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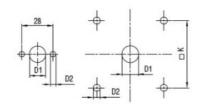
	DC21A				
	DOZIA	48V	Α	20	
		60V	Α	20	
		110V	Α	4	
		220V	Α	0.6	
		440V	Α	0.25	
	DC23A (poles in series)	-			
	V /	24V	Α	20 (1)	
		48V	Α	20 (2)	
		60V	Α	20 (3)	
		110V	Α	10 (3)	
		220V	Α	8 (4)	
	DC13				
		24V	Α	20	
		48V	Α	16	
		60V	Α	12	
		110V	Α	1	
		220V	Α	0.4	
		440V	Α	0.15	
Power dissipation			W	0.6	
Mechanical features					
Terminals screw				M3	
Tightening torque for te	erminals max		Nm	0.8	
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				
	Conductor Size (ILO) - Lievible cable				
	Conductor Size (IEC) - Flexible Cable	min	mm²	0.5	
		min Max	mm² mm²	0.5 2.5	
	Conductor size (IEC) - Rigid cable	Max	mm²	2.5	
		Max min	mm²	0.5	
		Max	mm² mm² mm²	2.5 0.5 2.5	
Mechanical life		Max min	mm²	0.5	_
UL technical data	Conductor size (IEC) - Rigid cable	Max min	mm² mm² mm²	2.5 0.5 2.5	
	Conductor size (IEC) - Rigid cable on-line control	Max min	mm² mm² mm²	2.5 0.5 2.5	
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max	mm² mm² mm² cycles	2.5 0.5 2.5 1X10 ⁶	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	Max min Max	mm² mm² mm² cycles	2.5 0.5 2.5 1X10 ⁶	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	Max min Max 120V 240V	mm² mm² cycles	2.5 0.5 2.5 1X10 ⁶ 1.5	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	Max min Max 120V 240V 480V	mm² mm² cycles	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 120V 240V	mm² mm² cycles	2.5 0.5 2.5 1X10 ⁶ 1.5	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	Max min Max 120V 240V 480V 600V	mm² mm² cycles HP HP HP	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 120V 240V 480V 600V	mm² mm² cycles HP HP HP HP	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 120V 240V 480V 600V	mm² mm² cycles HP HP HP	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 120V 240V 480V 600V	mm² mm² cycles HP HP HP HP	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 120V 240V 480V 600V	mm² mm² cycles HP HP HP HP	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 120V 240V 480V 600V 120V 240V	mm² mm² cycles HP HP HP HP	2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 0.75 1.5	
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 120V 240V 480V 600V 120V 240V	mm² mm² cycles HP HP HP HP HP	2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 0.75 1.5	
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 120V 240V 480V 600V 120V 240V	mm² mm² cycles HP HP HP HP	2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 0.75 1.5	
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 120V 240V 480V 600V 120V 240V	mm² mm² cycles HP HP HP HP HP	2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 0.75 1.5	

ENERGY AND AUTOMATION

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Resistance & Protection
Frontal IP degree
IP65
Terminals IP degree
IP20
Dimensions

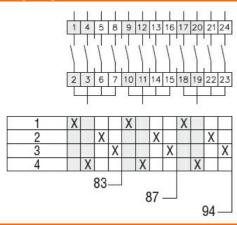




Drillings for 4 screws fixing (4V version).

Series -	Dimensions						L Number of elements												
	□A	C	ØD1	ØD2	Е	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
GX16	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX20	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX32	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183
GX40	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	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

ETIM 8.0

EC001029 -Selector switch, complete