

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

Product designation			Rotary cam switches
Product type designation			GX20
General characteristics			
Switching diagram			93 - Multi-step 1- 2-3 3 poles
N° of elements			5
Mounting form			U - Front mounting with black handle
Contact characteristics			Diagrama i
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	150/51		
	IEC/EN UL/CSA	A	20 15
Rated operational voltage	UL/C5A	A V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		IX V	'
(3 c)	10kA	Α	20
	15kA	Α	20
	25kA	Α	20
Rated short time current lcw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		Α	20
AC15			20
AOTO	110V	Α	10
	220/230V	Α	8
	380/400V	Α	6
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3	222/225		0.7
	220/230V	kW	3.7
	380/440V 500/690V	kW kW	5.5 5.5
Single-phase AC-3	300/0907	L/ V V	J.J
Siligio pliase AS-S	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3
Three-phase AC23A			
	220/230V	kW	4
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC23A	44017	1-147	0.75
	110V	kW	0.75
	220/230V 380/440V	kW kW	2.2 3.5
Rated operational current in DC	360/440 V	KVV	3.3





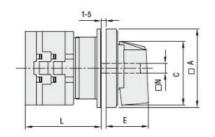
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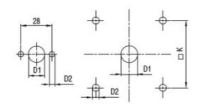
DC21A					
Conductor size Cond		DC21A			
1100					
DC23A (poles in series)					
DC23A (poles in series)					
24V			440V	A	0.25
ABV A 20 (2) C C C C C C C C C		DC23A (poles in series)			
Conductor size Cond					
110V					
DC13					
DC13					
Power dissipation			220V	Α	8 (4)
A		DC13			
Conductor size (IEC) - Flexible cable Max					
1100					
Power dissipation				Α	
Mechanical features					
Power dissipation W 0.6 Mechanical features W Terminals screw M3 M3 M3 M3 M3 M3 M3 M					
Machanical features			440V		
Teminals screw M3 Tightening torque for terminals max Nm 0.8				W	0.6
Tightening torque for terminals max					
AWG - Rigid cable					
AWG - Rigid cable	Tightening torque for te	erminals max		Nm	0.8
Max AWG 20 Max AWG 12 AWG - Flexible cable min AWG 20 Max AWG 12 AWG - Flexible cable min AWG 20 Max AWG 12 AWG AWG AWG 12 AWG	Conductor size				
AWG - Flexible cable		AWG - Rigid cable			
AWG - Flexible cable			min	AWG	20
Max AWG 20 Max AWG 12 Max AWG 12 Max AWG 12 Max AWG 12 Max Mm² 0.5 Max M			Max	AWG	12
Max		AWG - Flexible cable			_
Conductor size (IEC) - Flexible cable			min	AWG	20
Max mm² 0.5 Max mm² 2.5			Max	AWG	12
Max mm² 2.5		Conductor size (IEC) - Flexible cable			_
Conductor size (IEC) - Rigid cable			min	mm²	0.5
Mechanical life min Max mm² mm² mm² mm² mm² 2.5 Mechanical life cycles 1X10° UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 1.5 240V HP 3 480V HP 5 600V HP 5 5 600V HP 5 5 Ambient conditions Temperature Operating temperature min °C -25 max °C +55 Storage temperature			Max	mm²	2.5
Mechanical life cycles 1X10 ⁶ UL technical data Motor power for direct-on-line control 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 1.5 Ambient conditions Temperature Operating temperature min °C -25 max °C +55 Storage temperature		Conductor size (IEC) - Rigid cable			
Mechanical life			min	mm²	0.5
Motor power for direct-on-line control			Max	mm²	2.5
Motor power for direct-on-line control for three-phase motor 120V	Mechanical life			cycles	1X10 ⁶
for three-phase motor 120V	UL technical data				
120V	Motor power for direct-	on-line control			
120V		for three-phase motor			
480V			120V	HP	1.5
600V HP 5			240V	HP	3
600V HP 5			480V	HP	5
120V			600V	HP	5
120V		for single-phase motor			
Ambient conditions Temperature Operating temperature min °C -25 max °C +55 Storage temperature			120V	HP	0.75
Temperature Operating temperature min °C -25 max °C +55 Storage temperature			240V	HP	1.5
Temperature Operating temperature min °C -25 max °C +55 Storage temperature	Ambient conditions				
Operating temperature min °C -25 max °C +55 Storage temperature					
min °C -25 max °C +55 Storage temperature		Operating temperature			
max °C +55 Storage temperature		-	min	°C	-25
Storage temperature					
		Storage temperature			
			min	°C	-40



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

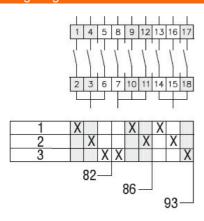




Drillings for 4 screws fixing (4V version).

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