

ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH 2 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam switches
Product type designation			GX20
General characteristics			
Switching diagram			52 - Changeover switch 2 poles
N° of elements			2
Mounting form			U - Front mounting with black handle
Contact characteristics			
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		0.0
	IEC/EN	A	20
Rated operational voltage	UL/CSA	A V	15 440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		K V	T
Waximum 1030 3120 for short offeat proteotion in (go)	10kA	Α	20
	15kA	Α	20
	25kA	Α	20
Rated short time current lcw			
	1s	Α	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
1045		A	20
AC15	440\/	۸	40
	110V 220/230V	A A	10 8
	380/400V	A	6
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC3			
•	220/230V	kW	3.7
	380/440V	kW	5.5
	500/690V	kW	5.5
Single-phase AC3			
	110V	kW	0.75
	220/230V	kW	1.8
Three phase AC22A	380/440V	kW	3
Three-phase AC23A	220/230V	kW	4
	380/440V	kW	7.5
	500/440V	kW	7.5
Single-phase AC23A	230,000 V		
0 1 333	110V	kW	0.75
	220/230V	kW	2.2
	380/440V	kW	3.5



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	DC04A				
	DC21A	40\/	۸	20	
		48V	A	20	
		60V	A	20	
		110V	A	4	
		220V	Α	0.6	
		440V	Α	0.25	
	DC23A (poles in series)				
		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	A	12	
		110V			
			A	1	
		220V	A	0.4	
		440V	A	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				
	7 C 1.19.0 00.0.0	min	AWG	20	
		Max	AWG	12	
	AWG - Flexible cable	IVICA	71110	14	
	AVVO - I lexible cable	min	A1A/C	20	
		min	AWG	20	
		Max	AWG	12	
	Conductor size (IEC) - Flexible cable	_			
		min	mm²	0.5	
		Max	mm²	2.5	
	Conductor size (IEC) - Rigid cable				
	` , •				
	, , ,	min	mm²	0.5	
	, , <u>G</u>	min Max	mm² mm²	0.5 2.5	
Mechanical life	, , <u>c</u>		mm²	2.5	
UL technical data			mm²	2.5	
	on-line control		mm²	2.5	
UL technical data		Max	mm² cycles	2.5 1X106	
UL technical data	on-line control	Max 120V	mm² cycles	2.5 1X106	
UL technical data	on-line control	120V 240V	mm² cycles HP HP	2.5 1X106 1.5 3	
UL technical data	on-line control	120V 240V 480V	mm² cycles HP HP HP	2.5 1X106 1.5 3 5	
UL technical data	on-line control for three-phase motor	120V 240V	mm² cycles HP HP	2.5 1X106 1.5 3	
UL technical data	on-line control	120V 240V 480V 600V	mm² cycles HP HP HP HP	2.5 1X106 1.5 3 5 5	
UL technical data	on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	2.5 1X106 1.5 3 5 5	
UL technical data Motor power for direct-	on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	2.5 1X106 1.5 3 5 5	
UL technical data Motor power for direct-	on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	2.5 1X106 1.5 3 5 5	
UL technical data Motor power for direct-	on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	2.5 1X106 1.5 3 5 5	_
UL technical data Motor power for direct-	on-line control for three-phase motor for single-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	2.5 1X106 1.5 3 5 5	
UL technical data Motor power for direct-	on-line control for three-phase motor	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP	2.5 1X106 1.5 3 5 5 0.75 1.5	
UL technical data Motor power for direct-	on-line control for three-phase motor for single-phase motor	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP	2.5 1X106 1.5 3 5 5 0.75 1.5	
UL technical data Motor power for direct-	on-line control for three-phase motor for single-phase motor Operating temperature	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP	2.5 1X106 1.5 3 5 5 0.75 1.5	
UL technical data Motor power for direct-	on-line control for three-phase motor for single-phase motor	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP	2.5 1X106 1.5 3 5 5 0.75 1.5	_



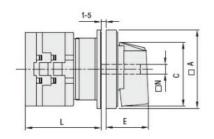
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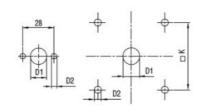
ENERGY AND AUTOMATION

MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MIN

max °C +70

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

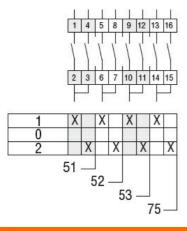




Drillings for 4 screws fixing (4V version).

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

EC001105 - Offload switch