ENERGY AND AUTOMATION

Rotary cam switch GX series, changeover switch 1 pole 20A, for front mounting with black handle, front plate 48X48mm

Product designation			Rotary cam switches
Product type designation			GX20
General characteristics			<u> </u>
Switching diagram			51 - Changeover switch 1 pole
N° of elements			1
Mounting form			U - Front mounting with black handle
Contact characteristics			Diagrama in a maria in
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 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)		ic v	
(30)	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		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 AC3	222/225		0.7
	220/230V	kW	3.7
	380/440V 500/690V	kW kW	5.5 5.5
Single-phase AC3	300/0907	L/V/	J.J
Siligie pliase 700	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	4401	1 147	0.75
	110V	kW	0.75
	220/230V 380/440V	kW kW	2.2 3.5
Rated operational current in DC	300/4407	٨٧٧	ა.ა



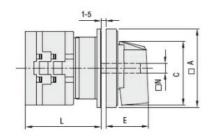
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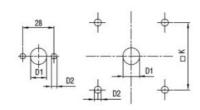
	DC21A				
		48V	Α	20	
		60V	Α	20	
		110V	Α	4	
		220V	A	0.6	
		440V	A	0.25	
	DC22A (nolog in pariog)	440 V	Α	0.25	
	DC23A (poles in series)	0.4)/	Δ.	00 (4)	
		24V	A	20 (1)	
		48V	Α	20 (2)	
		60V	Α	20 (3)	
		110V	Α	10 (3)	
	-	220V	A	8 (4)	
	DC13				
		24V	Α	20	
		48V	Α	16	
		60V	Α	12	
		110V	Α	1	
		220V	Α	0.4	
		440V	Α	0.15	
Power dissipation			W	0.6	
Mechanical features			**	0.0	
Terminals screw				M3	
			Nm	0.8	
Tightening torque for te	illilias illax		INIII	0.0	
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				
	,	min	mm²	0.5	
		Max	mm²	2.5	
	Conductor size (IFC) - Rigid cable				
	Conductor size (IEC) - Rigid cable	min	mm²	0.5	
	Conductor size (IEC) - Rigid cable	min May	mm²	0.5	
Machanical life	Conductor size (IEC) - Rigid cable	min Max	mm²	2.5	
Mechanical life	Conductor size (IEC) - Rigid cable				
UL technical data			mm²	2.5	
	on-line control		mm²	2.5	
UL technical data		Max	mm² cycles	2.5 1X10 ⁶	
UL technical data	on-line control	Max 120V	mm² cycles	2.5 1X10 ⁶	
UL technical data	on-line control	120V 240V	mm² cycles HP	2.5 1X10° 1.5 3	
UL technical data	on-line control	120V 240V 480V	mm² cycles HP HP HP	2.5 1X10 ⁶ 1.5 3 5	
UL technical data	on-line control	120V 240V	mm² cycles HP	2.5 1X10° 1.5 3	
UL technical data	on-line control	120V 240V 480V	mm² cycles HP HP HP	2.5 1X10 ⁶ 1.5 3 5	
UL technical data	on-line control for three-phase motor	120V 240V 480V	mm² cycles HP HP HP	2.5 1X10 ⁶ 1.5 3 5	
UL technical data	on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	2.5 1X10 ⁶ 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 1X10 ⁶ 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 1X10 ⁶ 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 1X10 ⁶ 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 1X10 ⁶ 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 1X10 ⁶ 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 1X10 ⁶ 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 1X10 ⁶ 1.5 3 5 5 0.75 1.5	

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	max	°С	+/0
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensions			

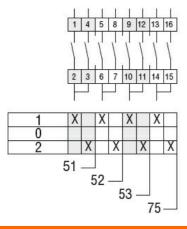




Drillings for 4 screws fixing (4V version).

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