

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			<u> </u>
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	I=0/E+	Α	00
	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)		ΚV	<u> </u>
Waximum rase size for short direat protestion in (90)	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 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
Three phase ACCOA	380/440V	kW	3
Three-phase AC23A	220/230V	kW	4
	380/440V	kW	7.5
	500/690V	kW	7.5 7.5
Single-phase AC23A	230,000 V		
- 5 - 1	110V	kW	0.75
	220/230V	kW	2.2
	380/440V	kW	3.5



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	DC21A			
	DCZTA	48V	Α	20
		60V	A	20
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	770 V		0.20
	DOZO/ (poles in selies)	24V	Α	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
		220V	A	8 (4)
	DC13			• (.)
	20.0	24V	Α	20
		48V	A	16
		60V	Α	12
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		1101	W	0.6
Mechanical features			• • • • • • • • • • • • • • • • • • • •	0.0
Terminals screw				M3
Tightening torque for te	rminals max		Nm	0.8
Conductor size	minals max		1 1111	0.0
Conductor Size	AWG - Rigid cable			
	AWO - Migid cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVIGA	7,,,,,	12
	AWG T ICAIDIC GADIC	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIGA	7,,,,,	12
	Odriductor Size (IEO) Trickible Gabic	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVICA		2.0
	Conductor Size (IEO) Rigid Cable	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVICA	cycles	1X10 ⁶
UL technical data			Oy 0103	17(10
Motor power for direct-	on-line control			
motor porror for all cot t	for three-phase motor			
	so pridos motor	120V	HP	1.5
		1211		
				3
		240V	HP	3 5
		240V 480V	HP HP	5
	for single-phase motor	240V	HP	
	for single-phase motor	240V 480V 600V	HP HP HP	5 5
	for single-phase motor	240V 480V 600V	HP HP HP	5 5 0.75
Ambient conditions	for single-phase motor	240V 480V 600V	HP HP HP	5 5
Ambient conditions Temperature	for single-phase motor	240V 480V 600V	HP HP HP	5 5 0.75
Ambient conditions Temperature		240V 480V 600V	HP HP HP	5 5 0.75
	for single-phase motor Operating temperature	240V 480V 600V 120V 240V	HP HP HP HP	5 5 0.75 1.5
		240V 480V 600V 120V 240V	HP HP HP HP	5 5 0.75 1.5
	Operating temperature	240V 480V 600V 120V 240V	HP HP HP HP	5 5 0.75 1.5
		240V 480V 600V 120V 240V	HP HP HP HP	5 5 0.75 1.5



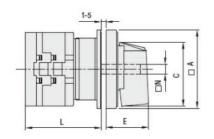
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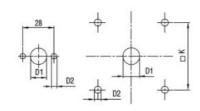
ENERGY AND AUTOMATION

MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MIN

max °C +70

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

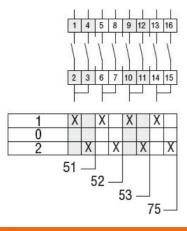




Drillings for 4 screws fixing (4V version).

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