electric ENCLOSED ROTARY CAM SWITCH GX SERIES, 3-PHASE MOTOR REVERSING SWITCH 40A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE **ENERGY AND AUTOMATION**

Product designation	on			Enclosed rotary cam switch
Product type designation General characteristics				GX40
Ocheral characteristics	,			11 - 3-phase
Switching diagram				motor reversing switch
N° of elements				3
				P - Plastic
Mounting form				enclosure with
On the state of a manufaction				black handle
Contact characteristics				
Rated insulation voltag	e UI	IEO/EN		000
		IEC/EN	V	690
Data diamenda a mithatan	advalle as I lines	UL/CSA	V	600
Rated impulse withstar	<u> </u>		kV	6
Conventional free air th	nermal current ith	IEO/EN	•	40
		IEC/EN	Α	40
		UL/CSA	<u> </u>	40
Rated operational volta			V	440
Rated operational impu	<u> </u>		kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	Α	40
		15kA	Α	35
		25kA	Α	35
Rated short time curre	nt Icw			
		1s	Α	1000
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			Α	40
	AC15			_
		110V	Α	25
		220/230V	Α	22
		380/400V	Α	12
		660/690V	Α	2
Rated operational pow	er in AC			
-	Three-phase AC-3			
		220/230V	kW	7.5
		380/440V	kW	15
		500/690V	kW	15
	Single-phase AC-3			
		110V	kW	2.2
		220/230V	kW	4.4
		380/440V	kW	7
	Three-phase AC23A			_
	•	220/230V	kW	9
		380/440V	kW	18.5
		500/690V	kW	15
	Single-phase AC23A			_
	.	110V	kW	3
		220/230V	kW	5.2
		380/440V	kW	7.5

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Rated operational current in DC DC21A 48V					
DC21A	Rated operational curre	ent in DC			_
A	'				
BOV A 40 1100 A 6 2200 A 0.8 4400 A 0.25 A 0.8 4400 A 0.25 A 0.8 A 400 A 0.25 A 400 A 0.25 A 400			48V	Α	40
1100					
Recommendation Reco					
Mathematical life					
DC23A (poles in series)					
A		DC234 (notes in series)	1101	,,	0.20
A		BOZON (poics in schoo)	24\/	Δ	40 (1)
BOV					
110V					
DC13					
DC13					
24V		D040	2200	A	12 (4)
ABV		DC13	0.41/	Δ.	40
Recommendation					
110V					
Power dissipation					
Nechanical features					
Power dissipation W 1.6				Α	
Mechanical features			440V	Α	0.15
Temminals screw	Power dissipation			W	1.6
Tightening torque for terminals max	Mechanical features				
AWG - Rigid cable	Terminals screw				M4
AWG - Rigid cable	Tightening torque for te	erminals max		Nm	1.2
AWG - Rigid cable					
AWG - Flexible cable	00	AWG - Rigid cable			
AWG - Flexible cable		Avve Rigid duble	min	AWG	16
AWG - Flexible cable min					
Max AWG 16 Max AWG 10		AWC Florible cable	IVICA	700	
Max AWG 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 6 Max mm² 6 Max mm² 1.5 Max mm² 1.5 Max mm² 1.5 Max mm² 1.5 Max mm² 1.0 Max mm²		AVVG - Plexible Cable		A1A/C	4.0
Conductor size (IEC) - Flexible cable					
Max mm² 1.5 Max mm² 6 Max mm² 1.5 Ma		0 1 ((50) 51 (11 11	IVIAX	AVVG	10
Max mm² 6 Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 10 Mechanical life cycles 1X106		Conductor size (IEC) - Flexible cable		2	
Conductor size (IEC) - Rigid cable					
min mm² 1.5 Max mm² 10		-	Max	mm²	6
Max mm² 10 Mechanical life cycles 1X10° UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 5 240V HP 15 600V HP 15 for single-phase motor 120V HP 2 240V HP 5 Ambient conditions Temperature Operating temperature min °C -25 max °C +55		Conductor size (IEC) - Rigid cable			
Mechanical life cycles 1X10 ⁶ UL technical data Motor power for direct-on-line control 120V HP 5 240V HP 10 480V HP 15 600V HP 15 for single-phase motor 120V HP 2 240V HP 5 Ambient conditions Temperature Operating temperature min °C -25 min °C -25 max °C +55					
Motor power for direct-on-line control			Max		
Motor power for direct-on-line control for three-phase motor 120V				cycles	1X10 ⁶
for three-phase motor 120V	UL technical data				
120V	Motor power for direct-	on-line control			
120V		for three-phase motor			
240V			120V	HP	5
480V HP 15 15			240V	HP	
600V HP 15				HP	
for single-phase motor 120V HP 2 240V HP 5 Ambient conditions Temperature Operating temperature min °C -25 max °C +55					
120V		for single-phase motor			
Ambient conditions 240V HP 5			120\/	HP	2
Ambient conditions Temperature Operating temperature min °C -25 max °C +55					
Temperature Operating temperature min °C -25 max °C +55	Ambient conditions		Z+0 V	1 11	
Operating temperature min °C -25 max °C +55					
min °C -25 max °C +55	remperature	Operating temperature			
max °C +55		Operating temperature		۰.	25
Storage temperature		-	max	<u>, C</u>	+55
		Storage temperature			

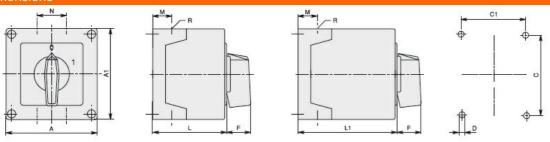
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ENERGY AND AUTOMATION

min °C -40 max °C +70

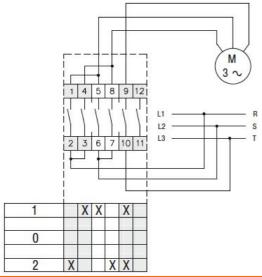
Resistance & Protection	
Frontal IP degree	IP65
Terminals IP degree	IP20

Dimensions



GX16	90x90	1-2	3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX20		1 - 2	3-5	- 00	00	70	7.0	4.0	20	2	- 00	71.0	50.0	1XI 010	11 00
GX16	110x110	1 - 3	4-7			100	100		10	- 30	- 30	- 30	- 30		
GX20		1-3	4-7	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
GX32		1 - 2	3 - 4	110	110	90.4	00	4.5	32	21	39.5	05.5	119.5	487621	11-00
GX40	K	1 - 2	3-4	1											

Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

IEC/EN/BS 61058-1

Certificates

EAC

ETIM classification

ETIM 8.0

EC001105 - Offload switch