

ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH WITHOUT 0, 1 POLE 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product type designation	Product designation			Rotary cam
Switching diagram S4 - Changeover Switch without 0 1 pole	•			
Switching diagram 54 - Changeover switch without 01 pole N° of elements 1 Word elements 2 Mounting form U47 - Snap on from mounting with black handle for hole diam. 22mm finxing Contact characteristics IEC/EN V 6690 Rated insulation voltage UI IEC/EN V 600 Rated impulse withstand voltage Uimp KV 6 Conventional free air thermal current ith IEC/EN X 20 Rated operational voltage V 440 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10KA A 20 Rated short time current lcw 1 5KA 250 Conductivity 1 10KA A 20 Conductivity 2 20KA A 20 Rated short line current le IEC/EN 2 20KA A 20 AC1/AC21A 2 20KA A 20 Rated operational current le IEC/EN 2 20KA A 20 Rated operational power in AC 2 20KA A 20 Three-phase AC-3 <td></td> <td></td> <td></td> <td>GX20</td>				GX20
Switching diagram switch without 01 pole N° of elements 1 Mounting form U47 - Snap on mounting with black handled in hole diam. 2 mm mounting with black handled mount pole diam. 2 mm mounting with black handled mount pole diam. 2 mm mounting with black handled mount pole diam. 2 mm mounting with black handled mount pole diam. 2 mm mounting with black handled mount pole diam. 2 mm mounting with black handled mount pole diam. 2 mm mounting with black handled mount pole diam. 2 mm mounting with black handled mount pole diam. 2 mm mounting with black handled mount pole diam. 2 mm mounting with black handled mount pole diam. 2 mm mounting with black handled mount pole diam. 2 mm mounting with black handled mount pole diam. 2 mm mounting with black handled mount pole diam. 2 mm mounting with black handled mounting with black handl	General characteristics			5.4. Ob an analysis
N° of elements 1	Switching diagram			switch without 0 1
Mounting form With black handle for hole diam. 22mm finxing with black handle for hole diam. 22mm finxing 22mm finxi	N° of elements			· ·
Mounting form Section				U47 - Snap on
IEC/EN V 690	Mounting form			with black handle for hole diam.
Rated impulse withstand voltage Uimp	Contact characteristics			J. Company
Rated impulse withstand voltage Uimp	Rated insulation voltage Ui			
Rated impulse withstand voltage Ulimp				
Conventional free air thermal current lith	Rated impulse withstand voltage Llimp	01/C3A		
Rated operational voltage V V V			ΝV	
Rated operational voltage	25 Shionar noo an alonnar out on till	IFC/FN	А	20
Rated operational voltage				
Rated operational impulse voltage Rated operational impulse voltage Rated short-circuit protection In (gG) 10kA	Rated operational voltage	3,33		
Maximum fuse size for short-circuit protection In (gG)				
10kA				
Rated short time current Icw	7	10kA	Α	20
Rated short time current lcw		15kA	Α	20
1s		25kA	Α	20
Conductivity	Rated short time current Icw			
Operational current le IEC/EN		1s	kA	250
AC1/AC21A AC15 AC15 110V A 10 220/230V A 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 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 110V kW 7.5 500/690V kW 7.5 500/690V kW 7.5 500/690V kW 7.5	Conductivity			10/5 mA/V
AC15 110V A 10 220/230V A 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 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 Single-phase AC23A Single-phase	·			
AC15 110V A 10 220/230V A 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 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 7.5 Single-phase AC23A 110V kW 7.5 500/690V kW 7.5 Single-phase AC23A	AC1/AC21A			
110V			Α	20
220/230V	AC15	44014		4.0
Single-phase AC23A Single-				
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 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 3 Three-phase AC23A 220/230V kW 7.5 500/690V kW 7.5 500/690V kW 7.5 Single-phase AC23A				
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 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A				
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 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75	Rated operational power in AC	000/090 V		1.5
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 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A	·			
380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 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	Thice phase No 3	220/230V	kW	3.7
500/690V kW 5.5 Single-phase AC-3 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 110V kW 0.75				
Single-phase AC-3 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 110V kW 0.75				
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 110V kW 0.75	Single-phase AC-3			_
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 110V kW 0.75	.	110V	kW	0.75
Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75				1.8
220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75		380/440V	kW	3
380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75	Three-phase AC23A			
500/690V kW 7.5 Single-phase AC23A 110V kW 0.75				
Single-phase AC23A 110V kW 0.75				
110V kW 0.75		500/690V	kW	7.5
	Single-phase AC23A			
220/230V KW 2.2				
		220/230V	KVV	<u> </u>





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Rated operational current in DC			380/440V	kW	3.5
ABV	Rated operational curr				
Body		DC21A			
1100				Α	20
				Α	20
DC23A (poles in series)			110V	Α	4
DC23A (poles in series)			220V	Α	0.6
24V			440V	Α	0.25
ABV A 20 (2)		DC23A (poles in series)			
Conductor size (IEC) - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable Con			24V	Α	20 (1)
110V			48V	Α	20 (2)
DC13			60V	Α	20 (3)
DC13			110V	Α	10 (3)
Power dissipation			220V	Α	8 (4)
ABV		DC13			_
Conductor size (IEC) - Flexible cable Max			24V	Α	20
110V			48V	Α	16
Power dissipation			60V	Α	12
Power dissipation W 0.6 W 0.6			110V	Α	1
Power dissipation W 0.6 Mechanical features W 0.6 Mechanical features W 0.8 Max Ma			220V	Α	0.4
Machanical features			440V	Α	0.15
Machanical features	Power dissipation			W	0.6
Tightening torque for terminals max	-				
AWG - Rigid cable	Terminals screw				M3
AWG - Rigid cable	Tightening torque for to	erminals max		Nm	0.8
AWG - Rigid cable min					
AWG - Flexible cable		AWG - Rigid cable			
AWG - Flexible cable		g.a cazie	min	AWG	20
AWG - Flexible cable min AWG 20 Max AWG 12					
min Max AWG 20 Max AWG 12 Conductor size (IEC) - Flexible cable min Max mm² 0.5 Max mm² 2.5 Conductor size (IEC) - Rigid cable min mm² Max mm² 2.5 Mechanical life cycles 1X10° UL technical data vcles 1X10° UL technical data 120V HP 1.5 1.5 Motor power for direct-on-line control 120V HP 3 3 480V HP 5 600V HP 5 for single-phase motor 120V HP 5 5 600V HP 5 5 Ambient conditions Temperature Operating temperature min °C -25 -25		AWG - Flexible cable			
Max AWG 12		ATTO THOMBIC CODIC	min	AWG	20
Conductor size (IEC) - Flexible cable					
Max mm² 0.5 Max mm² 2.5		Conductor size (IEC) - Flexible cable	West	71110	
Max mm² 2.5		Contractor Cizo (120) Tronble cable	min	mm²	0.5
Conductor size (IEC) - Rigid cable					
Max min mm² mm² mm² mm² 2.5 0.5 mm² 2.5 Mechanical life cycles 1X106 UL technical data Motor power for direct-on-line control 120V HP 1.5 240V HP 3 3 480V HP 5 5 600V HP 5 5 for single-phase motor 120V HP 0.75 120V HP 1.5 1.5 Ambient conditions 240V HP 1.5 Temperature Operating temperature min °C -25		Conductor size (IEC) - Rigid cable	West		
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 for single-phase motor 120V HP 0.75 240V HP 1.5 Ambient conditions Temperature Operating temperature Min °C -25		Talled (120) Tigit dubic	min	mm²	0.5
Mechanical life cycles 1X10 ⁶ UL technical data Motor power for direct-on-line control 120V HP 1.5 240V HP 3 480V HP 5 600V HP 5 5 for single-phase motor 120V HP 0.75 240V HP 1.5 Ambient conditions Temperature Operating temperature					
Motor power for direct-on-line control	Mechanical life		IVIUA		
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				Cycles	17(10
for three-phase motor 120V		-on-line control		_	
120V	Motor power for difect				
240V		ioi alloo pilaoo motol	120\/	HP	1.5
480V HP 5 600V 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					
120V HP 0.75 240V HP 1.5 Ambient conditions Temperature Operating temperature min °C -25		for single-phase motor	0007	TH.	<u> </u>
Ambient conditions Temperature Operating temperature min °C -25		ioi single-phase motor	1201/	ЦD	0.75
Ambient conditions Temperature Operating temperature min °C -25					
Temperature Operating temperature min °C -25	Ambient conditions		Z4UV	ПР	1.0
Operating temperature min °C -25					
min °C -25	remperature	Operating temperature			
		Operating temperature	!	°C	25
max °C +55					
			max	U	τυυ



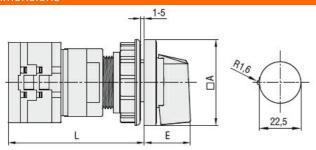


Resistance & Protecti Frontal IP degree Terminals IP degree

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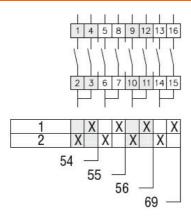
Storage temperature				
	min	°C	-40	
	max	°C	+70	
ion				
			IP65	
			IP20	

Dimensions



Series	Dimensions		L			
	□A	Е	1	2	3	8
GX16	48	26.5	64.9	73.4	81.9	124.4
GX20	48	26.5	64.9	73.4	81.9	124.4

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