

GX32250 ROTARY CAM SWITCH GX SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 32A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Notice designation Switching Product type designation GA32 General characteristics 25 - 1-phase monitor reversing switch with spring return N° of elements 2 Mounting form 0 - Rear mounting with black handle Contract characteristics 0 Rated inpulse withstand voltage Uinp KV UL/CSA V General characteristics 2 Rated inpulse withstand voltage Uinp KV UL/CSA V General characteristics 2 Rated inpulse withstand voltage Uinp KV UL/CSA V Rated operational voltage KV V 440 Rated operational impulse voltage KV Maximum fuse size for short-orcuit protection In (gG) 10kA 10kA 35 Stack as 1000 220/230V Conductivity 10/6 mA/V Operational current te IEC/EN 220/230V AC15 110V A Three-phase AC-3 220/230V KW 200/690V	Product designation				Rotary cam
General Pharacteristics 25 - 1 - phase motor reversing switch with sping or teum N° of elements 2 Mounting form 0 - Rear mounting with back handle Conserved UL/CSA Rated insulation voltage Uimp KV Enter thermal current lth IEC/EN UL/CSA X Rated operational voltage V Rated operational impulse voltage KV Conductivity 10KA A Operational current Icw 1s Conductivity 10% mAV Operational current Ic/EN 4 AC15 110V A 220/230V A 22 220/230V KW 10 Single-phase AC-3 10/V 10 Single-phase AC23A	-				
Switching diagram 25. 1-phase motor reversing switch with spring return N° of elements 2 Mounting form 0 - Rear mounting with black handle Rated inpulse withstand voltage UI IEC/EN V Rated inpulse withstand voltage UImp K 6 Conventional free air thermal current Ith IEC/EN A 32 Rated operational voltage KV 6 6 Conventional free air thermal current Ith IEC/EN A 32 Rated operational voltage KV 440 8 Rated short time current low 10KA A 35 15KA A 35 15KA A 35 Conductivity 10KA A 35 15KA A 35 Conductivity 10/5 mA/V 000 000 000 000 000 Conductivity 10/5 mA/V 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 <td></td> <td></td> <td></td> <td></td> <td>GX32</td>					GX32
Mounting form O - Rear mounting with black handle Contact characteristics IEC/EN V 690 Rated insulation voltage Ui IEC/EN V 690 Conventional free air thermal current Ith IEC/EN V 600 Conventional free air thermal current Ith IEC/EN A 32 Rated operational voltage V 440 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 35 Rated short time current lew 1 5 15kA A 35 Rated short time current lew 1 10/KA A 35 Conductivity 10 kA 35 10/KA A 35 Conductivity 10/K A 25 220/230/V A 20 AC16 110/V A 25 220/230/V A 20 Rated operational power in AC 10 660/690/V A 2 30/440/V 10 Single-phase AC-3 110/V KW 1.5 35 36/4					motor reversing switch with spring
Mounting form mounting with black handle Contact characteristics IEC/EN V 690 Rated insulation voltage Ui IEC/EN V 690 Rated inpulse withstand voltage Uimp KV 6 6 Conventional free air thermal current Ith IEC/EN A 32 Rated operational voltage V 440 440 Rated operational impulse voltage V 440 Rated operational impulse voltage V 440 Rated short time current Icw 10KA A 35 Conductivity 10KA A 35 Conductivity 1s kA 1000 Conductivity 10/5 mA/V 00 Operational current Ic A 32 AC16 10/V A 25 220/230V A 20 380/400V A Rated operational power in AC 1 2 380/400V XW 11 Single-phase AC-3 110V KW 1.8 20/230V <	N° of elements				2
IEC/EN V 690 UL/CSA V 600 Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current Ith IEC/EN A 32 Rated operational voltage A 32 UL/CSA A 32 Rated operational voltage KV 4 A 35 Rated operational impulse voltage KV 4 A 35 Rated operational impulse voltage KV 4 A 35 Rated short time current lcw 10kA A 35 Conductivity 10/KA A 35 Querational current lcw 1 kA 1000 Conductivity 10/K mA/V 32 A AC1/AC21A 4 32 A AC15 110/V A 25 220/230V A 20 380/400V A Single-phase AC-3 220/230V KW 7.5 380/440V kW 11	Mounting form				mounting with
IEC/EN V 680 UL/CSA V 680 600 Rated impulse withstand voltage Uimp KV 6 Conventional free air thermal current ith IEC/EN A 32 Rated operational voltage V 440 A Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 35 Staka A 35 5 5 Conductivity 10/KA A 35 5 Conductivity 10/KA A 35 5 Conductivity 10/KA A 35 5 Conductivity 10/KA A 32 A AC1/AC21A 4 1000 60/690V A 20 AC15 110/V A 25 220/230V A 20 Single-phase AC-3 110/V KW 11 5 5 5 Conductivity 11 Single-phase AC-3 110/V KW					
UL/CSA V 600 Rated impulse withstand voltage Ump kV 6 Conventional free air thermal current lth IEC/EN A 32 Rated operational voltage KV 4 A Rated operational voltage kV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 35 Rated short time current lcw 10kA A 35 Rated short time current lcw 110kA A 35 Conductivity 10/5 mA/V 000 0 Conductivity 10/5 mA/V 00 0 Conductivity 10/5 mA/V 00 0 Conductivity 10/5 mA/V 0 0 Operational current lc A 32 A AC15 110/V A 25 220/230V A 20 380/400V A Rated operational power in AC 220/230V kW 11 Single-phase AC-3 110V KW 1.8 220/	Rated insulation voltage L	Ji			
Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current lth IEC/EN A 32 Rated operational voltage V 440 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 35 Rated short time current lcw 1s kA 1000 Conductivity 1s kA 1000 Conductivity 10/5 mA/V 000 10/5 mA/V Operational current le IEC/EN A 32 220/230V A 20 AC1/AC21A A 32 220/230V A 20 380/400V A 10 Rated operational power in AC Three-phase AC-3 220/230V kW 11 500/690V 11 Single-phase AC-3 110V kW 1.8 220/230V kW 1.5 Single-phase AC23A 220/230V kW 15 500/690V kW 15 Single-phase AC23A 220/230V kW				-	
Conventional free air thermal current lth IEC/EN A 32 Rated operational voltage V 440 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 35 15kA A 35 15kA A 35 Rated short time current lcw 1s kA 1000 000 Conductivity 1s kA 1000 000 Conductivity 1s kA 1000 000 AC1/AC21A A 32 000 <	Rated impulse withstand	voltage Llimp	00/03A	-	
IEC/EN A 32 Rated operational voltage V 440 Rated operational impulse voltage K/V 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 35 Rated short time current lcw 15kA A 35 Rated short time current lcw 1s kA 1000 Conductivity 1s kA 1000 Operational current le IEC/EN 10/5 mA/V 00 AC15 10/7 mA/V 0 AC15 110/V A 25 220/230V A 20 380/40/V A 10 660/690V A 2 380/40/V KW 11 Rated operational power in AC Three-phase AC-3 110/V KW 11 Single-phase AC-3 110/V KW 11 220/230V KW 1.5 500/690/V KW 11 Single-phase AC-3 110/V KW 1.5 500/690/V KW 15 500/690/V <td></td> <td></td> <td></td> <td></td> <td></td>					
Rated operational voltage V 440 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 35 15kA A 35 15kA A 35 Rated short time current low 1s kA 1000 000 Conductivity 10/5 mA/V 10/5 mA/V 000 Operational current le IEC/EN AC1/AC21A A 32 AC15 110V A 25 220/230V A 20 380/400V A 10 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 Single-phase AC-3 110V kW 1.8 220/230V kW 3.5 380/440V kW 1.5 500/690V kW 15 Single-phase AC23A 220/230V kW 15 500/690V kW 15 Single-phase AC23A 220/230V kW 15 500/69					
Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 35 15kA A 35 Rated short time current Icw 1s kA 1000 Conductivity 1s kA 1000 Operational current Ie IEC/EN 10/5 mA/V 10/5 mA/V AC1/AC21A A 32 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 2 220/230V KW 7.5 Rated operational power in AC Three-phase AC-3 220/230V kW 11 Single-phase AC-3 110V kW 1.5 380/440V kW 1.5 380/440V kW 5.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 Single-phase AC23A 220/230V kW 15 500/690V kW 15 Single-phas	Rated operational voltage	1	02/00/(
Maximum fuse size for short-circuit protection ln (gG) 10kA A 35 15kA A 35 25kA A 35 Rated short time current lcw 1s kA 1000 0 Conductivity 1s kA 1000 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 32 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2	· · · · · · · · · · · · · · · · · · ·				
15kA A 35 Rated short time current low 1s kA 1000 Conductivity 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 32 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 20	i				
Z5KA A 35 Rated short time current Icw 1s KA 1000 Conductivity 10/5 mA/V 10/5 mA/V Operational current Ie IEC/EN AC1/AC21A 32 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 380/400V A 2 Rated operational power in AC Three-phase AC-3 220/230V KW 7.5 380/40V kW 11 500/690V KW 11 Single-phase AC-3 110V kW 1.8 220/230V kW 3.5 380/440V kW 1.8 220/230V kW 3.5 Single-phase AC23A 220/230V kW 3.5 380/440V kW 15 Single-phase AC23A 110V kW 15 500/690V kW 15 Single-phase AC23A 110V kW 15 500/690V KW 3.5			10kA	А	35
Rated short time current lcw 1s kA 1000 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 32 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 <			15kA	А	35
1s kA 1000 Conductivity 10/5 mA/V AC1/AC21A A 32 AC1/AC21A A 32 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2			25kA	Α	35
Operational current le IEC/EN A 32 AC1/AC21A A 32 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/40V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 1.8 220/230V kW 3.5 380/440V kW 1.8 220/230V kW 3.5 380/440V kW 5.5 5 5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 Single-phase AC23A 220/230V kW 15 5 500/690V 15 5 Single-phase AC23A 110V kW 2.2 220/230V kW 3.5	Rated short time current I	CW	1s	kA	1000
AC1/AC21A A 32 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 22 380/400V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 Single-phase AC-3 110V kW 1.8 220/230V kW 3.5 380/440V kW 1.8 220/230V kW 5.5 Three-phase AC23A 110V kW 1.8 220/230V kW 5.5 Three-phase AC23A 220/230V kW 1.5 500/690V kW 15 Single-phase AC23A 110V kW 1.5 500/690V kW 15 Single-phase AC23A 110V kW 2.2 220/230V kW 3.5					10/5 mA/V
A 32 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 380/400V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 1.8 220/230V kW 3.5 380/440V kW 5.5 50 50 50 50 Three-phase AC23A 220/230V kW 8 380/440V kW 15 Single-phase AC23A 220/230V kW 8 380/440V kW 15 Single-phase AC23A 110V kW 15 50 50 50 Single-phase AC23A 110V kW 2.2 220/230V kW 3.5	•				
110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 1.8 220/230V kW 3.5 380/440V kW 5.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 Single-phase AC23A 110V kW 15 Single-phase AC23A 110V kW 15 Single-phase AC23A 110V kW 2.2 220/230V kW 3.5	А	C1/AC21A		А	32
220/230V A 20 380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 1.8 220/230V kW 3.5 380/440V kW 5.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 Single-phase AC23A 110V kW 220/230V kW 15 Single-phase AC23A 110V kW Single-phase AC23A 110V kW Single-phase AC23A	A	C15			
380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 1.8 220/230V kW 3.5 380/440V kW 5.5 Three-phase AC23A Z20/230V kW 8 380/440V kW 15 500/690V kW 15 Single-phase AC23A 110V kW 2.2 220/230V kW 3.5					
660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 1.8 220/230V kW 3.5 380/440V kW 5.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 Single-phase AC23A 110V kW 2.2 220/230V kW 3.5					
Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 1.8 220/230V kW 3.5 380/440V kW 5.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 Single-phase AC23A 110V kW 2.2 220/230V kW 3.5					
Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 1.8 220/230V kW 3.5 380/440V kW 5.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 Single-phase AC23A 110V kW 2.2 220/230V kW 3.5	Deterlar of the second		660/690V	A	2
220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 1.8 220/230V kW 3.5 380/440V kW 5.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 Single-phase AC23A 500/690V kW 15 500/690V kW 15 Single-phase AC23A 110V kW 2.2 220/230V kW 3.5					
500/690V kW 11 Single-phase AC-3 110V kW 1.8 220/230V kW 3.5 380/440V kW 5.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 Single-phase AC23A 110V kW 2.2 220/230V kW 3.5			220/230V	kW	7.5
Single-phase AC-3 110V kW 1.8 220/230V kW 3.5 380/440V kW 5.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 Single-phase AC23A 110V kW 2.2 220/230V kW 3.5			380/440V	kW	11
110V kW 1.8 220/230V kW 3.5 380/440V kW 5.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 Single-phase AC23A 110V kW 2.2 220/230V kW 3.5	_		500/690V	kW	11
220/230V kW 3.5 380/440V kW 5.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 Single-phase AC23A 110V kW 2.2 220/230V kW 3.5	S	ingle-phase AC-3			
380/440V kW 5.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 Single-phase AC23A 110V kW 2.2 220/230V kW 3.5					
Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 Single-phase AC23A 110V kW 2.2 220/230V kW 3.5					
220/230V kW 8 380/440V kW 15 500/690V kW 15 Single-phase AC23A 110V kW 2.2 220/230V kW 3.5		1	380/440V	kVV	5.5
380/440V kW 15 500/690V kW 15 Single-phase AC23A 110V kW 2.2 220/230V kW 3.5	I	niee-phase AC23A	220/2201/	۲/۷/	8
500/690V kW 15 Single-phase AC23A 110V kW 2.2 220/230V kW 3.5					
Single-phase AC23A 110V kW 2.2 220/230V kW 3.5					
110V kW 2.2 220/230V kW 3.5		ingle-phase AC23A	000/0001	11.00	
220/230V kW 3.5	G		110V	kW	2.2

GX3225O



Rated operational current in DC

DC21A

48V

А

32

		48V	A	32
		60V	А	32
		110V	А	5
		220V	A	0.8
_		440V	A	0.25
D	C23A (poles in series)			
		24V	А	32 (1)
		48V	А	32 (2)
		60V	А	32 (3)
		110V	A	15 (3)
		220V		
-		2200	Α	12 (4)
D	C13			
		24V	A	32
		48V	А	25
		60V	А	14
		110V	А	3
		220V	A	0.5
		440V	A	0.15
Power dissipation			W	1.6
Mechanical features				
Terminals screw				M4
Tightening torque for term	inals max		Nm	1.2
				1.2
Conductor size				
A	WG - Rigid cable			
		min	AWG	16
		Max	AWG	8
Ā	WG - Flexible cable			
,,		min	AWG	16
_		Max	AWG	10
C	onductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	6
	onductor size (IEC) - Rigid cable			
0		min	mm²	1.5
		Max		10
<u></u>		Max	mm²	10
Mechanical life		Max	mm ² cycles	10 1X10 ⁶
Mechanical life UL technical data		Max		
	line control	Max		
UL technical data Motor power for direct-on-		Max		
UL technical data Motor power for direct-on-	line control or three-phase motor		cycles	1X10 ⁶
UL technical data Motor power for direct-on-		120V	cycles HP	1X10 ⁶
UL technical data Motor power for direct-on-		120V 240V	cycles HP HP	1X10 ⁶ 3 7.5
UL technical data Motor power for direct-on-		120V 240V 480V	cycles HP HP HP	1X10 ⁶ 3 7.5 15
UL technical data Motor power for direct-on-		120V 240V	cycles HP HP	1X10 ⁶ 3 7.5
UL technical data Motor power for direct-on- fo		120V 240V 480V	cycles HP HP HP	1X10 ⁶ 3 7.5 15
UL technical data Motor power for direct-on- fo	or three-phase motor	120V 240V 480V 600V	Cycles HP HP HP HP	1X10 ⁶ 3 7.5 15 15
UL technical data Motor power for direct-on- fo	or three-phase motor	120V 240V 480V 600V 120V	cycles HP HP HP HP	1X10 ⁶ 3 7.5 15 15 1.5
UL technical data Motor power for direct-on- fo	or three-phase motor	120V 240V 480V 600V	Cycles HP HP HP HP	1X10 ⁶ 3 7.5 15 15
UL technical data Motor power for direct-on- fo fo Ambient conditions	or three-phase motor	120V 240V 480V 600V 120V	cycles HP HP HP HP	1X10 ⁶ 3 7.5 15 15 1.5
UL technical data Motor power for direct-on- fo modelship fo Ambient conditions Temperature	or three-phase motor or single-phase motor	120V 240V 480V 600V 120V	cycles HP HP HP HP	1X10 ⁶ 3 7.5 15 15 1.5
UL technical data Motor power for direct-on- fo modelship fo Ambient conditions Temperature	or three-phase motor	120V 240V 480V 600V 120V	cycles HP HP HP HP	1X10 ⁶ 3 7.5 15 15 1.5
UL technical data Motor power for direct-on- fo modelship fo Ambient conditions Temperature	or three-phase motor or single-phase motor	120V 240V 480V 600V 120V	cycles HP HP HP HP	1X10 ⁶ 3 7.5 15 15 1.5
UL technical data Motor power for direct-on- fo modelship fo Ambient conditions Temperature	or three-phase motor or single-phase motor	120V 240V 480V 600V 120V 240V	Cycles HP HP HP HP HP	1X10 ⁶ 3 7.5 15 15 1.5 3

Storage temperature

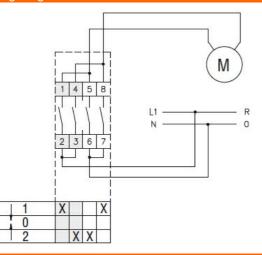
GX32250



GX32250 ROTARY CAM SWITCH GX SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 32A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensions			

Wiring diagrams



Certifications and compliance

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		
		EC001029 -

ETIM 8.0

EC001029 -Selector switch, complete