

ROTARY CAM SWITCH GX SERIES, 3-PHASE MOTOR REVERSING SWITCH 20A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 48X48MM

GX2011U25

Product type designation GX20 Ceneral characteristics 11 - 3-phase motor reversing switch N° of elements 13 N° of elements 3 U25 - Front mounting with red/yellow handle padlockable in 0 and protection covers Contact characteristics IEC/EN V 690 Rated insulation voltage Ui IEC/EN V 690 Rated insulation voltage Ui IEC/EN V 690 Rated insulation voltage Uimp K.V 6 6 Context characteristics IEC/EN V 690 Rated operational free air thermal current Ith IEC/EN A 20 Rated operational impulse voltage KV 4 4 Maximum fuse size for short-circuit protection In (gC) 10kA A 20 Rated operational impulse voltage KV 4 4 Maximum fuse size for short-circuit protection In (gC) 10kA A 20 Conductivity 10's m/V 20 5 30/400'V A Conductivity 10 10 220/230'V A 8 <	Product designation				Rotary cam
General characteristics 11 - 3-phase motor reversing switch N° of elements 3 N° of elements 3 Mounting form U25 - Front mounting with redivelocible in 0 and protection covers Contact characteristics 11 - 3-phase motor reversing switch Rated insulation voltage UI U25 - Front mounting with redivelocible in 0 and protection covers Contact characteristics V Rated insulation voltage UI IEC/EN V Rated insulation voltage UI IEC/EN A Rated insulation voltage UI IEC/EN A Rated operational free air thermal current Ith IEC/EN A IEC/EN A 20 Rated operational imputes voltage V 440 Maximum fuse size for short-circuit protection In (gG) 10kA A Operational current Icw 15 KA 20 Conductivity 10/5 mA/V 00/5 mA/V Operational current Icw 10 220/230V A AC15 110V A 10 220/230V KW 3.5 380/440V	-	ion			switches
Switching diagram 11 - 3-phase motor reversing switch N° of elements 3 N° of elements 3 Mounting form U25 - Front mounting with red yellow handle padlockable in 0 and protection covers Rated insulation voltage UI IEC/EN V Rated insulation voltage UI IEC/EN V Contact characteristics V 600 Rated insulation voltage UI IEC/EN X 6 Conventional free air thermal current Ith IEC/EN A 20 Rated operational voltage V 440 Rated operational voltage V 440 Rated operational voltage V 440 Rated short time current Icw 10KA A 20 Conductivity 1s KA 250 Conductivity 1s KA 20 Questional current Ic KA 20 XAC15 AC15 100V A 8 380/400V XW 3.5 Single-phase AC-3 Single-phase AC-3 10V					GX20
N° of elements 3 Mounting form U25 - Front mounting with red/yellow handle padlockable in 0 Contact characteristics EC/EN V Rated insulation voltage Ui IEC/EN V 690 Rated insulation voltage Ui IEC/EN V 690 Rated insulation voltage Uimp KV 6 6 Conventional free air thermal current lth IEC/EN A 20 Rated operational voltage V 440 4 Rated operational voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 16kA A 20 15kA A 20 15kA A 20 Rated short time current lcw 1s kA 20 15kA A 20 Conductivity 10/5 mA/V 0 220/230V A 8 380/400V A 6 Conductivity A 10 220/230V A 8 380/440V XV 5.5 Single-phase AC-3 220/230V <t< td=""><td></td><td>0</td><td></td><td></td><td>motor reversing</td></t<>		0			motor reversing
Mounting form mounting with red/velow handle padlockable in 0 and protection covers 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 20 Conventional free air thermal current Ith IEC/EN A 20 Rated operational impulse voltage V 440 Rated operational impulse voltage V 440 Rated short time current Icw 10kA A 20 Conductivity 10kA A 20 Conductivity 1s kA 20 Conductivity 1s kA 20 Conductivity 1s kA 20 Conductivity 10/S mA/V 0 220/230V Querational current Ic IEC/EN A 20 1.5 Rated operational current Ic IC/EN 20 1.5 1.5 Rated operational power in AC	N° of elements				
IEC/EN V 690 UL/CSA V 690 Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current lth IEC/EN A 20 Rated operational voltage V 440 A 15 Rated operational onlage V 440 A 15 Rated operational onlage KV 4 A 20 Rated operational onlage KV 4 A 20 Rated operational onlage KV 4 A 20 Rated short time current low 10kA A 20 Rated short time current low 1s kA 250 Conductivity 10'S mA/V Operational current le IEC/EN 4 20 Act1/Act1A 4 20 4 3 3 Act1/Act1A 20/L 4 10 220/230V A 8 3 Rated operational power in AC Three-phase AC-3 20/L 3 3 3 <td></td> <td></td> <td></td> <td></td> <td>mounting with red/yellow handle padlockable in 0 and protection</td>					mounting with red/yellow handle padlockable in 0 and protection
IEC/EN V 690 UL/CSA V 690 600 Rated impulse withstand voltage Uimp KV 6 Conventional free air thermal current lth IEC/EN A 20 UL/CSA A 15 Rated operational voltage V 440 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 20 15kA A 20 15kA A 20 Rated short time current low 1s kA 20 25kA A 20 Querational current le IEC/EN 10% mAV 00 75 mAV 0 20 Querational current le IEC/EN AC1/AC21A A 20 AC15 110V A 10 AC15 110V A 10 220/230V A 8 380/400V A 6 Gonductivity AC1/AC21A 20/230V A 1.5 S S S S S S S					
Conventional free air thermal current lth IEC/EN A 20 Rated operational voltage V 440 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 20 15kA A 20 15kA A 20 Rated short time current lcw 10kA A 20 25kA A 20 Conductivity 1s kA 250 10/5 mA/V 0 0 Operational current lcw 1s kA 250 10/5 mA/V 0 0 220/230V A 8 330/400V A 6 660/690V A 1.5 5				V	600
IEC/EN A 20 UL/CSA A 15 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 20 15kA A 20 Rated short time current Icw 1s kA 20 25kA A 20 Conductivity 1s kA 20 20/230V A 10/5 mA/V Operational current Ie IEC/EN 10/5 mA/V 10/5 mA/V 0/5 mA/V 0/220/230V A 8 AC1/AC21A A 20 220/230V A 8 380/440V A 6 660/690V A 1.5 10/5 A 20 5				κv	6
Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 20 15kA A 20 25kA A 20 Rated short time current lcw 1s kA 250 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 20 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 3.5 Single-phase AC-3 110V kW 0.75 220/230V kW 3.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V 380/440V 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase					
Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 20 25kA A 20 Rated short time current Icw 1s kA 250 20 Conductivity 10/5 mA/V 10/5 mA/V 0 20 Operational current Ie IEC/EN AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 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 3.8 400V kW 3.5 500/690V kW 3.8 380/440V kW 3.5 Single-phase AC23A 220/230V kW 4 380/440V 4 380/440V KW 7.5 Single-phase AC23A 500/690V kW 7.5 500/690V <t< td=""><td>Rated operational volt</td><td>age</td><td></td><td>V</td><td>440</td></t<>	Rated operational volt	age		V	440
10kA A 20 15kA A 20 Rated short time current lcw 1s kA 250 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 20 AC15 10/V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/400V 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 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 220/230V kW 4 3		-		kV	4
Rated short time current lcw 1s kA 250 Conductivity 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 AC15 110V A 10 220/230V A 8 AC15 110V A 10 220/230V A 8 AC16 200/230V A 8 380/400V A 6 Rated operational power in AC 1.5 Three-phase AC-3 220/230V kW 3.7 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V 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 220/230V kW 4 380/440V KW 7.5	Maximum fuse size fo	r short-circuit protection In (gG)	15kA	А	20
1s kA 250 Operational current le IEC/EN AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 1.5 1.5 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/400V KW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3.8 Three-phase AC-3 110V kW 0.75 20/230V kW 1.8 380/440V kW 4 380/440V kW 7.5 Single-phase AC23A 20/230V kW 4 380/440V kW 7.5 Single-phase AC23A	Rated short time curre	ent Icw	20174	Λ	20
Conductivity 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 20 AC15 110V A 10 AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 1.5 1.5 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V 5.5 500/690V KW 5.5 5 500/690V KW 1.8 380/440V kW 3 1 Three-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 4 380/440V 4 380/440V KW 7.5 500/690V KW 7.5 500/690V <t< td=""><td></td><td></td><td>1s</td><td>kA</td><td>250</td></t<>			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 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A	Conductivity				10/5 mA/V
A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 1.5 Rated operational power in AC 220/230V KW 3.7 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 3 380/440V KW 3 Three-phase AC23A 220/230V kW 4 380/440V KW 4 380/440V kW 7.5 500/690V KW 7.5 Single-phase AC23A 220/230V kW 4 380/440V KW 7.5 Single-phase AC23A 380/440V KW 7.5 500/690V KW 7.5	Operational current le				
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 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 7.5				A	20
Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V 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 4 380/440V kW 7.5 Single-phase AC23A Single-phase AC23A		AC15	220/230V 380/400V	A A	8 6
Three-phase AC-3 220/230V kW 3.7 380/440V 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 220/230V kW 220/230V kW 380/440V kW 220/230V kW 4 380/440V kW 4 380/440V kW 4 380/440V kW 7.5 Single-phase AC23A	Dete la serie de la se		660/690V	A	1.5
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 7.5	Rated operational pov		000/0001/		
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 7.5			380/440V	kW	5.5
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 7.5		Single-phase AC-3	500/030V	17.6.6	0.0
Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A			220/230V	kW	1.8
220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A		Three phase AC22A	380/440V	КVV	3
500/690V kW 7.5 Single-phase AC23A		mee-phase ACZ3A			
Single-phase AC23A					
		Single-phase AC23A	110V		0.75

GX2011U25

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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GX2011U25

	220/230V	kW	2.2
	380/440V	kW	3.5
rrent in DC			
DC21A			
	48V	А	20
		А	20
		А	4
			0.6
	440V	А	0.25
DC23A (poles in series)			
			20 (1)
			20 (2)
			20 (3)
			10 (3)
	220V	A	8 (4)
DC13			
		A	20
		А	16
			12
		А	1
	220V	А	0.4
	440V	Α	0.15
		W	0.6
			M3
terminals max		Nm	0.8
AWG - Rigid cable			
			20
	Max	AWG	12
AWG - Flexible cable			
			20
	Max	AWG	12
Conductor size (IEC) - Flexible cable			
			0.5
	Max	mm²	2.5
Conductor size (IEC) - Rigid cable			
			0.5
	Max		2.5
		cycles	1X10 ⁶
for three-phase motor			
			1.5
			3
			5
	600V	HP	5
for single-phase motor			
			0.75
	240V	HP	1.5
Operating temperature			
	min	°C	-25
		380/440V rrent in DC DC21A 48V 60V 110V 220V 440V DC23A (poles in series) 24V 48V 60V DC13 24V 220V 40V DC13 24V 400V 220V DC13 24V 40V 40V 220V 40V 40V 40V Conductor size (IEC) - Flexible cable min Max Max Conductor size (IEC) - Flexible cable min Max Max Conductor size (IEC) - Flexible cable min Max Max Conductor size (IEC) - Flexible cable min Max Max Conductor size (IEC) - Rigid cable min Max Max Conductor size (IEC) - Rigid cable min Max Max Conductor size (IEC) - Rigid cable min Max Max for three-phase motor 120V 240V 480V </td <td>380/440V kW rrent in DC 48V A 60V A 110V A 220V A 440V A DC23A (poles in series) 24V A 48V A 60V A 110V A 60V A DC23A (poles in series) 24V A 48V A 60V A 110V A 60V A DC13 24V A 48V A 60V A 110V A 220V A 60V A 110V A V A 48V A 60V A 110V A V A 440V A 20V A 20V A Max MWG Rigid cable min AWG AWG</td>	380/440V kW rrent in DC 48V A 60V A 110V A 220V A 440V A DC23A (poles in series) 24V A 48V A 60V A 110V A 60V A DC23A (poles in series) 24V A 48V A 60V A 110V A 60V A DC13 24V A 48V A 60V A 110V A 220V A 60V A 110V A V A 48V A 60V A 110V A V A 440V A 20V A 20V A Max MWG Rigid cable min AWG AWG

GX2011U25

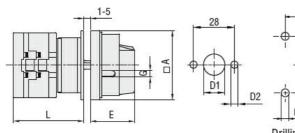
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	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimonsiona			

Dimensions



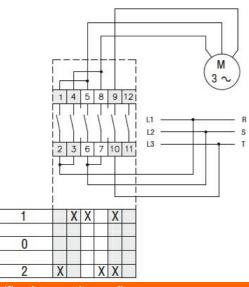


ΠK

screws fixing (4V version).

Cariaa	Dimensions				L					
Series	$\Box A$	D1	D2	E	G	□K	1	2	3	12
GX16	48	12	5	34.2	5	36	43	51.5	60	136.5
GX20	48	12	5	34.2	5	36	43	51.5	60	136.5
GX32	65	14	5	38	6	48	51	63	75	183
GX40	65	14	5	38	6	48	51	63	75	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

GX2011U25



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CULus EAC ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete

GX2011U25