

**GX3290U25** ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 32A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM



$\begin{tabular}{ c c c c c } \hline Switch 1 pole \\ \hline Switch 1 pole \\$				
Product type designation GX32 General characteristics 90 - ON/OFT Switching diagram 90 - ON/OFT Switching diagram 90 - ON/OFT Switching diagram 90 - ON/OFT Switch 1 pole Switching diagram 1025 - Front Mounting form 1025 - Front Rated operational free air thermal current Ith 1025 - Front Maximum fuse size for short-circuit protection In (gG) 104A A 32 TiskA A 35 TiskA A 35 TiskA A 35 TiskA A 35 TiskA A 35 TiskA A 35 Rated operational current le IEC/EN AC1/AC21A	Product designation			
General characteristics   90 - ON/OFF     Switching diagram   90 - ON/OFF     N° of elements   1     Wounting form   U25 - Front     Mounting form   red/yellow handl     Contact characteristics   and protection     Contact characteristics   covers     Contact characteristics   v     Rated insulation voltage Ui   IEC/EN   V     General voltage and protection   covers     Conventional free air thermal current Ith   IEC/EN   A     IEC/EN   A   32     Rated operational voltage   V   440     Rated operational impulse voltage   kV   4     Maximum fuse size for short-circuit protection In (gG)   10kA   A   35     15kA   A   35   15kA   A   35     Rated short time current Icw   1s   kA   1000   220/230V   A   20     Qperational current Ie IEC/EN   A   32   220/230V   A   20     AC1/AC21A   A   32   220/230V   A <td>-</td> <td></td> <td></td> <td></td>	-			
Switching diagram   90 - ON/OFF switch 1 pole     N° of elements   1     Mounting form   U25 - Front mounting with red/yellow handl padlockable in 0 overs     Contact characteristics   U25 - Front mounting with red/yellow handl padlockable in 0 overs     Rated insulation voltage Ui   IEC/EN   V   690     Contact characteristics   UL/CSA   A   32     Rated insulation voltage Uimp   KV   6     Conventional free air thermal current Ith   IEC/EN   V   690     Conventional free air thermal current Ith   IEC/EN   A   32     Rated operational voltage   V   440   4     Rated operational impulse voltage   V   440     Rated operational impulse voltage   V   4     Maximum fuse size for short-circuit protection In (gG)   10kA   A   35     Conductivity   1s   KA   1000   1000     Conductivity   1s   KA   32   1000     Conductivity   1s   KA   32   1000     Conductivity   1s   4 <td></td> <td></td> <td></td> <td>GX32</td>				GX32
Switching diagram   switch 1 pole     N° of elements   1     Mounting form   U25 - Front mounting with redyellow hand padlockable in 0 and protection covers     Contact characteristics     Rated insulation voltage Ui     IEC/EN   V   690     UL/CSA   V   600     Rated inpulse withstand voltage Uimp   KV   6     Conventional free air thermal current Ith   IEC/EN   X   6     Conventional inpulse voltage   KV   4   2     Rated operational inpulse voltage   KV   4   35     Rated operational inpulse voltage   KV   4   35     Rated solution voltage Implice voltage   KV   4   4     Maximum fuse size for short-circuit protection In (gG)   10kA   A   35     Conductivity   1s   kA   1000   2     Conductivity   10/5 mA/V   00   2     Qperational current Icw   1s   kA   32     AC1/AC21A   A   32   2     AC1/AC21A	General characteristics			
N° of elements 1   Mounting form U25 - Front mounting with red/yellow handling with red/yelow handling	Switching diagram			
Mounting form    Mounting form U25 - Front mounting with red/yellow handl padlockable in 0 and protection ocvers   Contact characteristics IEC/EN V 690   Rated insulation voltage Ui IEC/EN V 600   Conventional free air thermal current Ith IEC/EN A 32   Rated operational voltage V 440   Rated operational voltage V 440   Rated operational impulse voltage V 4   Maximum fuse size for short-circuit protection In (gG) 10kA A 35   Rated short time current Icw 1s kA 1000   Conductivity 10/5 mA/V 00 220/230V A 22   Qperational current Ic A 32 220/230V A 22   Rated operational power in AC A 32 220/230V A 20   Rated operational power in AC Three-phase AC-3 220/230V KW 7.5 380/440V KW 11   Single-phase AC-3 100V KW 11 500/690V KW 11	N° of elements			•
$\begin{tabular}{l lllllllllllllllllllllllllllllllllll$				
Mounting formred/yellow handling red/yellow handling padlockable in 0 and protection coversContact characteristicsRated insulation voltage UIIEC/ENV690UL/CSAV600Rated insulation voltage UImpKV6Conventional free air thermal current lthIEC/ENA32Conventional voltageV440Rated operational voltageV440Rated operational voltageV440Rated operational impulse voltageKV4Maximum fuse size for short-circuit protection In (gG)10kAA3515kAA35Conductivity10kAA35Conductivity10/5 mA/VOperational current IcwAC1/AC21A32AC15110VA2520/230VKW10660/690V2Rated operational power in ACThree-phase AC-320/230VKW7.5380/440VKW11Single-phase AC-320/230VKW11Single-phase AC-3110VKW1.8				
Moduluig form padiockable in 0 and protection covers   Contact characteristics   Rated insulation voltage Ui   IEC/EN V 690   UL/CSA V 600   Rated insulation voltage Uimp KV 6   Conventional free air thermal current Ith   IEC/EN A 32   Qui/CSA A 35   Rated operational voltage V 440   Maximum fuse size for short-circuit protection ln (gG)   Sated short time current lcw   Conductivity 10/5 mA/V   Qui/CSA A 32   AC15 10/5 mA/V	Manuating form			red/yellow 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   IEC/EN   A   32     Rated operational voltage   V   440     Rated operational impulse voltage   KV   4     Maximum fuse size for short-circuit protection In (gG)   10kA   A   35     15kA   A   35   15kA   A   35     Conductivity   1s   kA   1000   10/5 mA/V     Operational current lew   1   10/5 mA/V   0     Conductivity   1s   kA   1000     Conductivity   1s   kA   20     220/230V   A   20   220/230V   A   20     380/400V   A   10   660/690V   A   2     Rated operational power in AC   1   220/230V   A   20     380/400V	Mounting form			padlockable in 0
Contact characteristics     Rated insulation voltage Ui   IEC/EN   V   690     Rated impulse withstand voltage Uimp   kV   6     Conventional free air thermal current Ith   IEC/EN   A   32     Rated operational voltage   V   440     Rated operational voltage   V   440     Rated operational impulse voltage   KV   4     Maximum fuse size for short-circuit protection In (gG)   10kA   A   35     15kA   A   35   15kA   A   35     Rated short time current Icw   1s   kA   1000   000     Conductivity   10/5 mA/V   0perational current IcW   10/5 mA/V     Operational current Ick   110/V   A   25     200/230/V   A   20   380/40/V   A   10     660/690/V   A   2   2   20   380/40/V   A   2     Rated operational power in AC   10   660/690/V   A   2     Rated operational power in AC   10				and protection
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   V   440     Rated operational impulse voltage   KV   4     Maximum fuse size for short-circuit protection In (gG)   10kA   A   35     15kA   A   35   15kA   A   35     Conductivity   10kA   A   35   10kA   A   35     Conductivity   1sk   KA   1000   10/5 mA/V   000   0     Conductivity   1sk   KA   1000   20   380/400V   A   10     Geno(sign)   A   20   380/400V   A   20   380/400V   A   20     380/400V   A   10   660/690V   A   2     Rated operational power in AC   10   20   380/400V   A   10     Geno(6				covers
IEC/EN   V   690     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     15kA   A   35   35     Rated short time current lcw   1s   kA   1000     Conductivity   1s   kA   1000     Operational current le IEC/EN   A   32     AC15   110V   A   25     220/230V   A   20     380/400V   A   10     660/690V   A   2     Rated operational power in AC   220/230V   KW   7.5     380/440V   kW   11   50/690V   11     Single-phase AC-3   110V   kW   1.8				
UL/CSA   V   600     Rated impulse withstand voltage Uimp   kV   6     Conventional free air thermal current lth   IEC/EN   A   32     UL/CSA   A   32   UL/CSA   A   32     Rated operational voltage   V   440   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     Conductivity   10 kA   A   35   10 kA   A   35     Conductivity   1s   kA   1000   100/5 mA/V   100/5 mA/V     Conductivity   1s   kA   1000   10/5 mA/V   10/5 mA/V     Operational current le IEC/EN   4   32   10/5 mA/V   10/5 mA/V     AC1/AC21A   4   32   20   380/400V   A   20     ARted operational power in AC   110V   A   25   220/230V   A   20	Rated insulation voltage Ui			
Rated impulse withstand voltage Uimp   kV   6     Conventional free air thermal current Ith   IEC/EN   A   32     Rated operational voltage   V   440     Rated operational impulse voltage   kV   4     Maximum fuse size for short-circuit protection In (gG)   10kA   A   35     15kA   A   35   25kA   A   35     Rated short time current Icw   1s   kA   1000   10/5 mA/V     Operational current Ie IEC/EN   10/5 mA/V   10/5 mA/V   20/230V   A   25     Querational current Ie IEC/EN   A   32   20/230V   A   20     AC1/AC21A   A   32   20/230V   A   20     Rated operational power in AC   Three-phase AC-3   220/230V   A   2     Rated operational power in AC   Three-phase AC-3   220/230V   kW   7.5     380/400V   KW   11   500/690V   KW   11			-	
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   10/5 mA/V   10/5 mA/V   000   000     Operational current le IEC/EN   A   32   20/230V   A   20     AC15   110V   A   25   220/230V   A   20     Rated operational power in AC   Three-phase AC-3   220/230V   KW   7.5     380/400V   KW   11   500/690V   KW   11     Single-phase AC-3   110V   kW   1.8		UL/CSA		
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   10kA   A   35     Conductivity   1s   kA   1000     Conductivity   10/5 mA/V   000   10/5 mA/V     Operational current le IEC/EN   KA   1000   10/5 mA/V     Operational current le IEC/EN   A   32   25     AC1/AC21A   A   32   20   380/400V   A   10     AC15   110V   A   2   20   380/400V   A   2     Rated operational power in AC   Three-phase AC-3   220/230V   KW   10     Single-phase AC-3   100/600V   kW   11   500/690V   11			kV	6
UL/CSA   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   10/5 mA/V     Operational current le IEC/EN   100/5 mA/V   10/5 mA/V   000     AC15   110V   A   25     220/230V   A   20   380/400V   A   10     660/690V   A   2   2   2   2   2   2     Rated operational power in AC   Three-phase AC-3   220/230V   kW   11   500/690V   11     Single-phase AC-3   110V   KW   1.8   110	Conventional free air thermal current Ith			
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 Icw   1s   kA   1000   000     Conductivity   1s   kA   1000   000     Operational current Ie IEC/EN   AC1/AC21A   A   32     AC15   110V   A   25     220/230V   A   20   380/400V   A   10     660/690V   A   2   2   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   10   60/690V   KW   11				
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     Operational current le IEC/EN   10/5 mA/V   00   000     AC1/AC21A   A   32   20   380/400V   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     Single-phase AC-3   110V   kW   1.8   10   660/690V   kW   11	Deterlar sectored relations	UL/CSA		
Maximum fuse size for short-circuit protection ln (gG) 10kA A 35   15kA A 35   Rated short time current lcw 1s kA 1000   Conductivity 10/5 mA/V   Operational current le IEC/EN 10/5 mA/V   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   380/440V kW 11 500/690V kW 11   Single-phase AC-3 110V kW 1.8				
10kA   A   35     15kA   A   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   2   380/40V   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   11			KV	4
15kA   A   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   2   380/40V   A   11     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   11	Maximum fuse size for short-circuit protection in (gG)	101-0	^	25
25kA   A   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				
Rated short time current lcw   1s   kA   1000     Conductivity   10/5 mA/V   00     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   2   2   2   2   2   2   2   2   2   2   2   380/400V   A   10   660/690V   A   2   3				
1s   kA   1000     Conductivity   10/5 mA/V     Operational current le IEC/EN   AC1/AC21A     AC1/AC21A   A   32     AC15   110V   A   25     220/230V   A   20   380/400V   A   10     660/690V   A   2   20/230V   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   100/2000	Rated short time current low	ZJKA	~	55
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     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   10		15	kΔ	1000
AC1/AC21A   A   32     AC15   110V   A   25     220/230V   A   20   380/400V   A   10     660/690V   A   2   220/230V   A   20     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	Conductivity	15	10.1	
AC1/AC21A AC15 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 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 1.8				10/0 11/4/
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   380/440V kW 11   500/690V kW 11   Single-phase AC-3   110V kW   110V kW   KW	•			
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   380/440V kW 11   500/690V kW 11   Single-phase AC-3   110V kW   110V kW   KW			А	32
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   110V kW	AC15			
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		110V	А	25
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   1.10V				
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			А	
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			А	
220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 1.8	Rated operational power in AC			
220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 1.8	Three-phase AC-3			
500/690V kW 11 Single-phase AC-3 110V kW 1.8		220/230V	kW	7.5
Single-phase AC-3 110V kW 1.8		380/440V	kW	11
110V kW 1.8		500/690V	kW	11
	Single-phase AC-3			
220/230V kW 3.5				
		220/230V	kW	3.5

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ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 32A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM

	Thursday A 000A	380/440V	kW	5.5
	Three-phase AC23A	000/0001/	1.3.47	0
		220/230V	kW	8
		380/440V	kW	15
	Single phase AC22A	500/690V	kW	15
	Single-phase AC23A	110V	kW	2.2
		220/230V	kW	3.5
		380/440V	kW	5.5 6
Rated operational cur	rent in DC	300/440 V	r v v	0
Rated Operational cur	DC21A			
	BOZIA	48V	А	32
		48V 60V	A	32
		110V	A	5
		220V	A	0.8
		440V	A	0.25
	DC23A (poles in series)	440 V	~	0.25
	2020A (poies in series)	24V	А	32 (1)
		24 v 48 V	A	32 (1) 32 (2)
		48V 60V		
		60 V 110V	A A	32 (3) 15 (3)
		110V 220V	A A	15 (3) 12 <i>(4</i> )
	DC13	2200	A	12 (4)
	DC13	241/	^	22
		24V 48V	A	32
			A	25
		60V 110V	A	14 3
			A	
		220V	A	0.5
Dower dissinction		440V	A W	0.15
Power dissipation Mechanical features			VV	1.0
Terminals screw				M4
Tightening torque for	torminals may		Nm	1.2
Conductor size				1.2
	AWG - Rigid cable			
	AWG - Nigid Cable	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable	IVICA	ANO	0
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable	IVIDA	700	10
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable	IVIdX		0
		min	mm²	1.5
		Max	mm²	10
Mechanical life		Ινίαλ	cycles	1X10 <sup>6</sup>
UL technical data			0,0103	
Motor power for direc	t-on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	5 7.5
		480V	HP	15
		480V 600V	HP	15
		000 V	1.11.	10

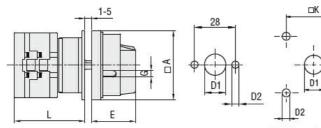
GX3290U25



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120V	HP	1.5
240V	HP	3
min	°C	-25
max	°C	+55
min	°C	-40
max	°C	+70
		IP65
		IP20
	240V min max min	240V HP min °C max °C min °C

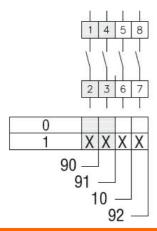
Dimensions



Drillings for 4 screws fixing (4V version).

Corioo			Dime	nsions				1		
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

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	IEC/EN/BS 60947-5-1	
	IEC/EN/BS 61058-1	
	UL60947-4-1	
Certificates		
	cULus	
	EAC	
ETIM classificatio	n	
		EC001029 -

ETIM 8.0

Selector switch, complete