

GX32S781U

Notice of the segment of the	Product designation				<sup>a</sup> Rotary cam
General characteristics     110 · Multi-step 0.1-2:34-5 1 pole       Switching diagram     0.1-2:34-5 1 pole       N° of elements     3       Mounting form     U - Front mounting with black handle       Contact characteristics     10 · Multi-step 0.1-2:34-5 1       Rated insulation voltage Uin     IEC/EN     V     690       Rated insulation voltage Uinp     KV     6     6       Conventional free air thermal current Ith     IEC/EN     A     32       Rated operational voltage     KV     4     440       Rated operational impulse voltage     KV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     35       Taked short time current low     15     A     1000       Conductivity     10x6     A     22       Querational current le IEC/EN     A     22       AC15     110V     A     25       200/230V     A     10     660/90V     A       AC15     110V     A     25       200/230V     XW     11     500/690V					switches
Switching diagram     110 - Multi-step pole       N° of elements     3       Mounting form     U - Front mounting with back handle       Contact characteristics     U       Rated insulation voltage Ui     IEC/EN     V       Contact characteristics     V       Rated insulation voltage Uimp     KV     6       Conventional free air thermal current Ith     IEC/EN     A     32       Rated operational voltage     V     440       Rated operational voltage     KV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     35       Rated short time current Icw     1     A     10000     10kA       Conductivity     10/5 mA/V     0000     2     2       Querational current Ic/E/EN     A     32     2     2       AC15     1000     2     2     2     2     2       AC15     1000     2     2     2     2     2     2     2     2     2     2     2     2     2     2 <t< td=""><td></td><td></td><td></td><td></td><td>GX32</td></t<>					GX32
N° of elements     3       Mounting form     U - Front mounting with black handle       Contact characteristics     IEC/EN     V     690       Rated insulation voltage Ui     IEC/EN     V     600       Rated insulation voltage Uimp     kV     6       Conventional free air thermal current Ith     IEC/EN     A     32       Rated operational voltage     V     440     4       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     35       Rated short time current Icw     1     1     1000     1005       Conductivity     10/5 mA/V     10/5 mA/V     000     10/5 mA/V       Operational current Ic IEC/EN     A     32     220/230V     A     20       AC1/AC21A     A     32     220/230V     A     20     380/400V     A     10/5       Rated operational power in AC     100V     KW     1.8     220/230V     XW     1.1       Single-phase AC-3     110V     KW     1.8					0-1-2-3-4-5 1
Mounting form     mounting with black handle       Contact characteristics     EC/EN     V     690       Rated insulation voltage Ui     IEC/EN     V     600       Rated inpulse 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       TiskA     A     35     15kA     A     35       Conductivity     10/K     A     35     16kA     A     35       Conductivity     10/K     A     35     16kA     A     35       Conductivity     10/K     A     35     16kA     A     35       Conductivity     10/K     A     32     20     20/K     20     38/K40V     A     10       Conductivity     10/K     A     25     220/230V     A     20     38/K40V	N° of elements				
IEC/EN     V     690       UL/CSA     V     690       Conventional free air thermal current lth     IEC/EN     A     32       Conventional free air thermal current lth     IEC/EN     A     32       Rated operational voltage     KV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     35       Rated operational impulse voltage     KV     4     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     35       Rated short time current lcw     10/5 mA/V     000     000       Conductivity     1s     A     1000     0       Conductivity     1s     A     1000     0       Conductivity     1s     A     1000     0       Conductivity     4C1/AC21A     220/230V     XW     10 <	Mounting form				mounting with
IEC/EN     V     690 600       Rated impulse withstand voltage Uimp     KV     6       Conventional free air thermal current lth     IEC/EN     A     32       Rated operational voltage     V     440     440       Rated operational impulse voltage     V     440       Maximum fuse size for short-circuit protection In (gG)     10kA     A     35       Rated short time current lcw     1     A     1000       Conductivity     10/5 mA/V     000       Operational current le IEC/EN     A     32       AC1/AC21A     A     32       AC15     110V     A     25       220/230V     A     20     380/400V     A     10       Genductivity     A     32     A     32       Rated operational power in AC     10/V     A     25       Single-phase AC-3     110V     KW     1.8     220/230V     KW     11       Single-phase AC-3     110V     KW     1.8     220/230V     KW     15       Single-phase AC	Contact characteristics				
UL/CSA     V     600       Rated impulse withstand voltage Uimp     kV     6       Conventional free air thermal current lth     IEC/EN     A     32       Rated operational voltage     KV     4       Rated operational voltage     kV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     35       Rated short time current lcw     1     5     A     35       Rated short time current lcw     1     5     A     35       Conductivity     10/5 mA/V     000     0       Conductivity     10/5 mA/V     00     0       Operational current lc IEC/EN     32     A     32       AC1/AC21A     A     32     2       AC15     110V     A     25       220/230V     A     20     380/400V     A     10       6600/090V     A     2     380/400V     KW     11       Single-phase AC-3     110V     KW     1.8     220/230V     KW     1.5       Sing	Rated insulation voltage	e Ui			
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     15kA     A     35       Rated short time current lcw     1s     A     1000     Conductivity     10/5 mA/V       Operational current le IEC/EN     AC1/AC21A     A     32     AC15     220/230V     A     20       Rated operational power in AC     Three-phase AC-3     110V     A     25     220/230V     kW     11       Single-phase AC-3     110V     kW     1.8     220/230V     380/40V     11       Single-phase AC-3     110V     kW     1.8     220/230V     kW     15       Single-phase AC23A     200/230V     kW     15     500/690V     15       Single-phase AC23A     200/230V     kW     15     <				V	
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     A     1000     000       Conductivity     1s     A     1000     000     005     mA/V       Operational current le IEC/EN     AC1/AC21A     A     32     AC15     100 KA     A     25       220/230V     A     20     380/400V     A     10     660/690V     A     2       Rated operational power in AC     Three-phase AC-3     110V     KW     7.5     380/440V     kW     11       Single-phase AC-3     110V     KW     1.8     220/230V     KW     3.5       Three-phase AC23A     110V     KW     1.8     380/440V     KW     1.5     500/690V     KW     15<			UL/CSA		600
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     A     1000     0       Conductivity     1s     A     1000     0       Operational current le IEC/EN     AC1/AC21A     AC15     10V     A     25       AC15     110V     A     25     220/230V     A     20       Rated operational power in AC     Three-phase AC-3     110V     KW     7.5       380/440V     KW     11     500/690V     KW     11       Single-phase AC-3     110V     KW     1.8     220/230V     KW     1.5       380/440V     KW     1.5     380/440V     KW     1.5       Single-phase AC23A     110V     KW     8     380/440V     KW     15	-			kV	6
UL/CSA     A     32       Rated operational impulse 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     15kA     A     35       Conductivity     1s     A     1000       Conductivity     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       Rated operational power in AC     Three-phase AC-3     10     660/690V     A     2       Rated operational power in AC     Three-phase AC-3     110V     KW     1.5       Single-phase AC-3     110V     kW     1.8     220/230V     KW     1.5       Single-phase AC23A     110V     KW     1.8     220/230V     KW     5.5       Three-phase AC23A     220/230V     KW     1.5     500/690V     KW     1.5	Conventional free air th	ermal 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     25kA     A     35       Rated short time current Icw     1s     A     1000     000       Conductivity     10/5 mA/V     00/5 mA/V     00/5 mA/V       Operational current le IEC/EN     4     32     4     32       AC15     110V     A     25     220/230V     A     20       380/400V     A     10     660/690V     A     2     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     15     500/690V     KW     15       Single-phase AC23A     110V     kW     15     500/690V     kW     15       Single-phase					
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     A     1000       Conductivity     10/5 mA/V     10/5 mA/V       Operational current Ic IEC/EN     A     32       AC1/AC21A     A     32       AC15     110V     A     25       220/230V     A     20     380/440V     A     10       660/690V     A     2     2     2     2     2     2     2     2     2     2     380/440V     kW     11     500/690V     380/440V     11     5			UL/CSA		
Maximum fuse size for short-circuit protection ln (gG)     10kA     A     35       15kA     A     35       Rated short time current lcw     1s     A     1000       Conductivity     1s     A     1000       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     2     2     2     3					
10kA     A     35       15kA     A     35       25kA     A     35       Rated short time current lcw     1s     A     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     2     2     2     2     2     2     3		-		κv	4
15kA     A     35       Rated short time current lcw     1s     A     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     380/40V     KW     11       Single-phase AC-3       110V     KW     1.8     2       20/230V     KW     11     500/690V     KW     11       Single-phase AC-3       110V     KW     1.8     220/230V     KW     1.8       200/230V     KW     11     500/690V     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     10V     KW     15     500/690V     KW     15       Single-ph	Maximum fuse size for	snort-circuit protection in (gG)	4044	^	25
25kA     A     35       Rated short time current low     1s     A     1000       Conductivity     10/5 mA/V     00/5 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     20/230V     A     2       Rated operational power in AC     Three-phase AC-3     220/230V     kW     11       Single-phase AC-3     110V     KW     1.8     220/230V     kW     11       Single-phase AC-3     110V     kW     1.1     500/690V     kW     11       Single-phase AC-3     110V     kW     1.8     220/230V     kW     3.5       Three-phase AC23A     220/230V     kW     15     500/690V     kW     15       Single-phase AC23A     110V     kW     15     500/690V     kW     15       Single-phase AC23A     110V     kW     3.5     5					
Rated short time current lcw     1s     A     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 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
1s     A     1000       Conductivity     10/5 mA/V       AC1/AC21A       AC15     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     500/690V     KW     11       Single-phase AC-3     110V     kW     1.8     220/230V     kW     3.5       Three-phase AC-3       110V     kW     1.8     220/230V     kW     3.5       Three-phase AC-3       110V     kW     1.8     220/230V     kW     3.5       Three-phase AC23A       220/230V     kW     8     380/440V     kW     1.5       Single-phase AC23A       220/230V     kW     15     5       Single-phase AC23A     110V     kW     2.2 <td>Rated short time curre</td> <td>at Iow</td> <td>20KA</td> <td>A</td> <td>30</td>	Rated short time curre	at Iow	20KA	A	30
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     220/230V     kW     3.5       Three-phase AC23A     220/230V     kW     8     380/440V     kW     1.5       Single-phase AC23A     220/230V     kW     8     380/440V     kW     15       Single-phase AC23A     110V     kW     15     500/690V     kU     15       Single-phase AC23A     110V     kW     2.2     220/230V     kW     3.5			16	Δ	1000
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     220/230V     KW     7.5       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       Three-phase AC23A     220/230V     kW     8     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-phase AC23A     110V     kW     2.2     220/230V     kW     3.5	Conductivity		10	7	
AC1/AC21A     A     32       AC15     110V     A     25       220/230V     A     20     380/400V     A     10       660/690V     A     2     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     1.5     380/440V     kW     1.5       Single-phase AC23A       220/230V     kW     8     380/440V     kW     15       Single-phase AC23A       110V     kW     2.2     220/230V     kW     15       Single-phase AC23A       110V     kW     2.2     220/230V     kW     3.5					
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       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     1.5       Single-phase AC23A       220/230V     kW     8       380/440V     kW     15       Single-phase AC23A       110V     kW     2.2       20/230V     kW     3.5					
AC15     110V     A     25       220/230V     A     20     380/400V     A     10       660/690V     A     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       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	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       Three-phase AC23A       220/230V     kW     8     380/440V     kW     15       Single-phase AC23A       110V     kW     15       Single-phase AC23A       110V     kW     2.2       220/230V     kW     15       Single-phase AC23A       110V     kW     2.2       20/230V     kW     3.5		AC15			
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       500/690V     kW     15       Single-phase AC23A       110V     kW     2.2       220/230V     kW     3.5			110V	А	25
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			220/230V	А	20
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			380/400V	А	10
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			660/690V	Α	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   110V   kW   15   500/690V   kW   15     Single-phase AC23A   110V   kW   2.2   220/230V   kW   3.5	Rated operational pow				
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			
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					
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					
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	kVV	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		Single-phase AC-3	110)/	1.1.1/	4.0
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		Three-phase AC23A	300/440 V	N V V	5.5
380/440V   kW   15     500/690V   kW   15     Single-phase AC23A   110V   kW   2.2     220/230V   kW   3.5		mice phase hozon	220/2301/	kW/	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		Single-phase AC23A			-
220/230V kW 3.5		<b>U F F F F F F F F F F</b>	110V	kW	2.2

GX32S781U



Rated operational cu	urrent in DC			
·	DC21A			
		48V	А	32
		60V	A	32
		110V	A	5
		220V	A	0.8
		440V	A	0.25
	DC23A (poles in series)			
		24V	А	32 (1)
		48V	А	32 (2)
		60V	А	32 (3)
		110V	А	15 (3)
		220V	А	12 (4)
	DC13			( )
	2010	24V	А	32
		48V		
			A	25
		60V	A	14
		110V	А	3
		220V	А	0.5
		440V	А	0.15
Power dissipation			W	1.6
Mechanical features				
Ferminals screw				M4
Fightening torque fo	r terminals max		Nm	1.2
				1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			-
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable		_	
		min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	1X10 <sup>6</sup>
JL technical data				
Notor power for dire	ct-on-line control			
	for three-phase motor			
		4001/	ЦР	2
		120V	HP	3
		240V	HP	7.5
		480V	HP	15
		600V	HP	15
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
Ambient conditions		2101		~
Femperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55

GX32S781U The cha

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

Storage temperature



	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
ETIM classification			
ETIM 8.0			EC001029 - Selector switch, complete