

Rotary cam switch GX series, star-delta motor starter switch 32A, for front mounting with black handle, front plate 65X65mm

Product designation			Rotary cam
Product type designation			switches GX32
General characteristics			0//32
Switching diagram			12 - Star-delta motor starter switch
N° of elements			4
Mounting form			U - Front mounting with black handle
Contact characteristics			
Rated insulation voltage Ui		.,	
	IEC/EN	V	690
Dated impulse withstand voltage Llimp	UL/CSA	V kV	600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		KV	6
	IEC/EN	А	32
	UL/CSA	A	32
Rated operational voltage	01/00/(	V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	35
	15kA	А	35
	25kA	А	35
Rated short time current Icw			
	1s	А	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		•	20
1045		A	32
AC15	110V	А	25
	220/230V	A	20
	380/400V	A	10
	660/690V	A	2
Rated operational power in AC			
Three-phase AC3			
	220/230V	kW	7.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC3			
	110V	kW	1.8
	220/230V	kW	3.5
Three-phase AC23A	380/440V	kW	5.5
Inite-pilase nozon	220/230V	kW	8
	380/440V	kW	15
	500/690V	kW	15
Single-phase AC23A			
	110V	kW	2.2
	220/230V	kW	3.5
Rated operational current in DC	380/440V	kW	6

## Rated operational current in DC

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	DC21A				
	202111	48V	А	32	
		60V	A	32	
		110V	A	5	
		220V	A	0.8	
		440V	A	0.25	
	DC22A (palas in series)	440 V	A	0.25	
	DC23A (poles in series)	24V	۸	22 (1)	
			A	32 (1)	
		48V	A	32 (2)	
		60V	A	32 (3)	
		110V	A	15 (3)	
		220V	A	12 (4)	
	DC13				
		24V	А	32	
		48V	А	25	
		60V	А	14	
		110V	А	3	
		220V	А	0.5	
		440V	А	0.15	
Power dissipation			W	1.6	
Mechanical features				-	
Terminals screw				M4	
Tightening torque for te	erminals max		Nm	1.2	
Conductor size					
	AWG - Rigid cable				
	AWG - Rigid Cable	min	AWG	16	
		min			
		Max	AWG	8	
	AWG - Flexible cable				
		min	AWG	16	
				10	
		Max	AWG	10	
	Conductor size (IEC) - Flexible cable	Max			
	Conductor size (IEC) - Flexible cable	Max min	mm²	1.5	
	Conductor size (IEC) - Flexible cable				
	Conductor size (IEC) - Flexible cable	min	mm²	1.5	
		min	mm²	1.5 6	
		min Max min	mm² mm² mm²	1.5 6 1.5	
Mechanical life		min Max	mm² mm² mm² mm²	1.5 6 1.5 10	
Mechanical life UL technical data		min Max min	mm² mm² mm²	1.5 6 1.5	
	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm² mm²	1.5 6 1.5 10	
UL technical data	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm² mm²	1.5 6 1.5 10	
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max	mm² mm² mm² cycles	1.5 6 1.5 10 1X10 <sup>6</sup>	
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max 120V	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	1.5 6 1.5 10 1X10 <sup>6</sup> 3	
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max 120V 240V	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 3 7.5	
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max 120V 240V 480V	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP	1.5 6 1.5 10 1X10 <sup>€</sup> 3 7.5 15	
UL technical data	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	min Max min Max 120V 240V	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 3 7.5	
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max 120V 240V 480V 600V	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 3 7.5 15 15	
UL technical data	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V 120V	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP	1.5 6 1.5 10 1X10 <sup>€</sup> 3 7.5 15 15 1.5	
UL technical data Motor power for direct	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 3 7.5 15 15	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V 120V	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP	1.5 6 1.5 10 1X10 <sup>€</sup> 3 7.5 15 15 1.5	
UL technical data Motor power for direct	Conductor size (IEC) - Rigid cable   -on-line control for three-phase motor   for single-phase motor	min Max min Max 120V 240V 480V 600V 120V	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP	1.5 6 1.5 10 1X10 <sup>€</sup> 3 7.5 15 15 1.5	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles HP HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>€</sup> 3 7.5 15 15 15 1.5 3	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable   -on-line control for three-phase motor   for single-phase motor	min Max min Max 120V 240V 480V 600V 120V	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 3 7.5 15 15 15 15 15 3	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable   -on-line control for three-phase motor   for single-phase motor   Operating temperature	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles HP HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>€</sup> 3 7.5 15 15 15 1.5 3	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable   -on-line control for three-phase motor   for single-phase motor	min Max min Max 120V 240V 480V 600V 120V 240V 240V	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 3 7.5 15 15 15 15 15 3	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable   -on-line control for three-phase motor   for single-phase motor   Operating temperature	min Max min Max 120V 240V 480V 600V 120V 240V 240V	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 3 7.5 15 15 15 15 15 3	

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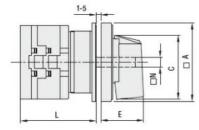
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

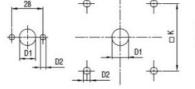
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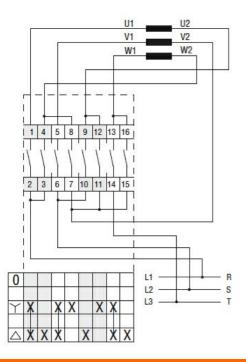




Drillings for 4 screws fixing (4V version).

Series	Dimensions						L Number of elements												
Selles	□A	С	ØD1	ØD2	E	□K	۵N	1	2	3	4	5	6	7	8	9	10	11	12
GX16	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX20	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX32	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183
GX40	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183

## Wiring diagrams



## Certifications and compliance

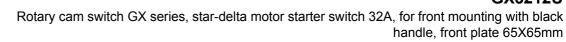
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е CSA C22.2 n° 14 IEC/EN/BS 60947-1 IEC/EN/BS 60947-3 IEC/EN/BS 60947-5-1 IEC/EN/BS 61058-1 UL60947-4-1 Certificates cULus EAC

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ETIM classification

ETIM 8.0

EC001105 - Offload switch