

Rotary cam switch GX series, Dahlander motor control switch 1-0-2, 32A, for front mounting with black handle, front plate 65X65mm

Product designation			Rotary cam
-			switches
Product type designation General characteristics			GX32
Switching diagram			13 - Dahlander motor control switch 1-0-2
N° of elements			4
Mounting form			U - Front mounting with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Deted impulse withstand valtage Llimp	UL/CSA	V	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	06/00/	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	Α	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		А	32
AC15			
	110V	А	25
	220/230V	А	20
	380/400V	А	10
	660/690V	A	2
Rated operational power in AC			
Three-phase AC3	000/0001	1.1.1.1	7 5
	220/230V 380/440V	kW kW	7.5 11
	500/690V	kW	11
Single-phase AC3	500/090V	IX V V	
	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
Poted operational current in DC	380/440V	kW	6

GX3213U

GX3213U

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	DC21A				
		48V	А	32	
		60V	A	32	
		110V	A	5	
		220V	A	0.8	
		440V	A	0.25	
	DC23A (poles in series)	1100	7.	0.20	
		24V	А	32 (1)	
		48V	A	32 (2)	
		60V	A	32 (3)	
		110V	A	15 (3)	
		220V	A	12 (4)	
	DC13	2201	7.	12(1)	
	2010	24V	А	32	
		48V	A	25	
		40V 60V	A	14	
		110V	A	3	
		220V	A	0.5	
		220V 440V	A	0.15	
Power dissipation		440 V		1.6	
Mechanical features			VV	1.0	
Terminals screw				M4	
			Nim	1.2	
Tightening torque for te Conductor size			Nm	1.2	
Conductor size					
	AWG - Rigid cable		A)A/O	40	
		min	AWG	16	
		Max	AWG	8	
	AWG - Flexible cable			4.0	
		min	AWG	16	
				1.0	
		Max	AWG	10	
	Conductor size (IEC) - Flexible cable	Max			
	Conductor size (IEC) - Flexible cable	Max min	mm²	1.5	
		Max			
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max	mm² mm²	1.5 6	
		Max min Max min	mm² mm² mm²	1.5 6 1.5	
		Max min Max	mm² mm² mm² mm²	1.5 6 1.5 10	
Mechanical life		Max min Max min	mm² mm² mm²	1.5 6 1.5	
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min	mm² mm² mm² mm²	1.5 6 1.5 10	
	Conductor size (IEC) - Rigid cable	Max min Max min	mm² mm² mm² mm²	1.5 6 1.5 10	
UL technical data	Conductor size (IEC) - Rigid cable	Max 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	Max min Max min Max	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	Max min Max min Max	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	Max 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>6</sup> 3 7.5 15	
UL technical data	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max min Max	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	Max 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	Max 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 15 1.5	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max 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	Max 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 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	Max 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 15 1.5	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V 120V 240V	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</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	Max 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 HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 3 7.5 15 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 Operating temperature	Max min Max min Max 120V 240V 480V 600V 120V 240V	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</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	Max min Max min Max 120V 240V 480V 600V 120V 240V	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 3 7.5 15 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 Operating temperature	Max min Max min Max 120V 240V 480V 600V 120V 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 1.5 3	

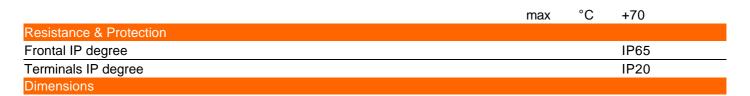
GX3213U

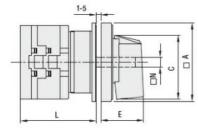
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

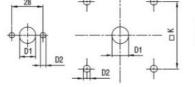
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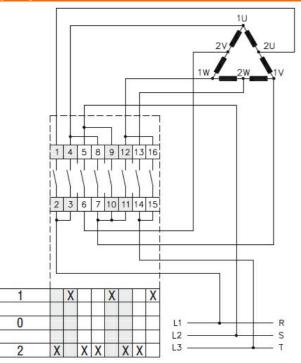




Drillings for 4 screws fixing (4V version).

Series			D	imensio	ns							LI	Vumber	of eler	ments				
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

## Compliance

Certificates

IEC/EN/BS 60947-1	
IEC/EN/BS 60947-3	
IEC/EN/BS 60947-5-1	
IEC/EN/BS 61058-1	
UL60947-4-1	
cULus	

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ETIM classification

ETIM 8.0

EC001105 - Offload switch