

ROTARY CAM SWITCH GX SERIES, STAR-DELTA MOTOR STARTER SWITCH 32A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Product designation			Rotary cam switches
Product type designation			GX32
General characteristics 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
Rated impulse withstand voltage Uimp	UL/CSA	V kV	600
Conventional free air thermal current Ith		KV	0
Conventional free all thermal current fur	IEC/EN	Α	32
	UL/CSA	A	32
Rated operational voltage	OLIGOA		440
Rated operational impulse voltage		v kV	4
Maximum fuse size for short-circuit protection In (gG)		IX V	
Maximum race size for chert circuit protestion in (ge)	10kA	Α	35
	15kA	A	35
	25kA	Α	35
Rated short time current Icw	-		
	1s	kA	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	32
AC15			
	110V	Α	25
	220/230V	Α	20
	380/400V	Α	10
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3	000/000/	1.1.4.7	7.5
	220/230V 380/440V	kW kW	7.5 11
	500/690V	kW	11
Single-phase AC-3	300,090 (17.4.4	
Citigio priado AO O	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
-	380/440V	kW	6
Rated operational current in DC			



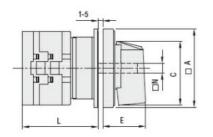
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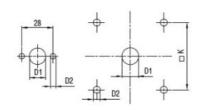
	DC21A			
	DCZTA	48V	Α	32
		60V		
			A	32
		110V	A	5
		220V	A	0.8
		440V	Α	0.25
	DC23A (poles in series)		_	
		24V	Α	32 (1)
		48V	Α	32 (2)
		60V	Α	32 (3)
		110V	Α	15 (3)
		220V	Α	12 (4)
	DC13			
		24V	Α	32
		48V	Α	25
		60V	Α	14
		110V	Α	3
		220V	Α	0.5
		440V	Α	0.15
Power dissipation			W	1.6
Mechanical features				
Terminals screw				M4
Tightening torque for te	erminals max		Nm	1.2
Conductor size	Similar max			1.2
Conductor Size	AWG - Rigid cable			
	AVVG - Rigid Cable	min	AWG	16
		Max		8
	ANIC Flexible coble	IVIAX	AWG	0
	AWG - Flexible cable		414/0	40
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
	Conductor size (IEC) - Flexible cable	min	mm²	1.5
		min Max	mm² mm²	1.5 6
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max	mm²	6
		Max min	mm²	1.5
		Max	mm²	1.5 10
Mechanical life		Max min	mm²	1.5
UL technical data	Conductor size (IEC) - Rigid cable	Max min	mm² mm² mm²	1.5 10
	Conductor size (IEC) - Rigid cable	Max min	mm² mm² mm²	1.5 10
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max	mm² mm² mm² cycles	1.5 10 1X10 ⁶
UL technical data	Conductor size (IEC) - Rigid cable	Max min	mm² mm² mm²	1.5 10
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UL technical data	Conductor size (IEC) - Rigid cable	Max min Max	mm² mm² mm² cycles	1.5 10 1X10 ⁶
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max 120V 240V	mm² mm² cycles	1.5 10 1X10 ⁶ 3 7.5
UL technical data	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max 120V 240V 480V	mm² mm² cycles HP HP HP	1.5 10 1X10 ⁶ 3 7.5 15
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max 120V 240V 480V	mm² mm² cycles HP HP HP	1.5 10 1X10 ⁶ 3 7.5 15
UL technical data	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	120V 240V 480V 600V	mm² mm² cycles HP HP HP HP	1.5 10 1X10 ⁶ 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 120V 240V 480V 600V	mm² mm² cycles HP HP HP	1.5 10 1X10 ⁶ 3 7.5 15
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	120V 240V 480V 600V	mm² mm² cycles HP HP HP HP	1.5 10 1X10 ⁶ 3 7.5 15 15
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor for single-phase motor	120V 240V 480V 600V	mm² mm² cycles HP HP HP HP	1.5 10 1X10 ⁶ 3 7.5 15 15
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	120V 240V 480V 600V	mm² mm² cycles HP HP HP HP	1.5 10 1X10 ⁶ 3 7.5 15 15
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 120V 240V 480V 600V 120V 240V	mm² mm² cycles HP HP HP HP HP	1.5 10 1X10 ⁶ 3 7.5 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	120V 240V 480V 600V	mm² mm² cycles HP HP HP HP	1.5 10 1X10 ⁶ 3 7.5 15 15
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 120V 240V 480V 600V 120V 240V	mm² mm² cycles HP HP HP HP HP	1.5 10 1X10 ⁶ 3 7.5 15 15 1.5 3

ENERGY AND AUTOMATION

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	max	°C.	+/0
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree		•	IP20
Dimensions			

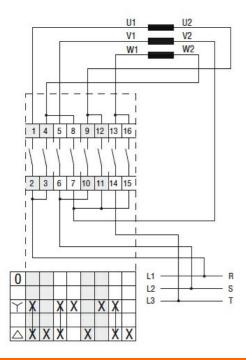




Drillings for 4 screws fixing (4V version).

Series	Dimensions							L Number of elements											
	□A	C	ØD1	ØD2	Е	□K	□N	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

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 - Off-load switch