GX3211P

ENERGY AND AUTOMATION

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electric ENCLOSED ROTARY CAM SWITCH GX SERIES, 3-PHASE MOTOR REVERSING SWITCH 32A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

Product designation			Enclosed rotary
Product type designation			cam switch GX32
General characteristics			9732
Switching diagram			11 - 3-phase motor reversing switch
N° of elements			3
Mounting form			Plastic enclosure with black handle (P)
Contact characteristics			
Rated insulation voltage Ui		.,	
	IEC/EN	V	690
Deted impulse withstand valtage Llimp	UL/CSA	V kV	600 6
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		ĸv	0
Conventional free all thermal current fun	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	Α	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
4.045		A	32
AC15	110\/	^	25
	110V 220/230V	A A	25 20
	380/400V	A	10
	660/690V	A	2
Rated operational power in AC	000,0001		
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
Thursday A 000A	380/440V	kW	5.5
Three-phase AC23A	220/2201/	L/\//	0
	220/230V 380/440V	kW kW	8 15
	380/440V 500/690V	kvv kW	15 15
Single-phase AC23A	000/0001	11.00	10
	110V	kW	2.2
	220/230V	kW	3.5
	380/440V	kW	6
Rated operational current in DC			

## Rated operational current in DC

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	DC21A			
		48V	А	32
		60V	А	32
		110V	А	5
		220V	А	0.8
		440V	A	0.25
	DC23A (poles in series)	1101		0.20
		24V	А	32 (1)
		48V	A	32 (2)
		40V 60V	A	32 (3)
		110V	A	15 (3)
		220V	A	12 (4)
	DC13	2201	Λ	12 (4)
	DC13	0.41/	^	00
		24V	A	32
		48V	A	25
		60V	A	14
		110V	A	3
		220V	А	0.5
		440V	A	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			
	9	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable	IVICA	Ano	10
		min	mm²	1.5
		Max		
	Organization size (IEO) Divid askla	IVIdX	mm²	6
	Conductor size (IEC) - Rigid cable		2	4 5
		min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	1X10⁵
UL technical data				
Motor power for direct				
	for three-phase motor			
		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				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°Č	+55
	Storage temperature	max	~	
		min	°C	-40
		[1111]	C	-40

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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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		max	°C	+70
Resistance & Protect	on	IIIdA	U	
Frontal IP degree				IP65
Terminals IP degree				IP20
Dimensions				11 20
Wiring diagrams				
Certifications and cor	npliance			
Compliance				
	IEC/EN/BS 60947-1			
	IEC/EN/BS 60947-3			
	IEC/EN/BS 60947-5-1			
	IEC/EN/BS 61058-1			
Certificates				
	EAC			
ETIM classification				
ETIM 8.0				EC001105 - Off- load switch