ENERGY AND AUTOMATION

ENCLOSED ROTARY CAM SWITCH GX SERIES, DAHLANDER MOTOR CONTROL SWITCH 0-1-2, 32A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

Product designation Product type designation	on			Enclosed rotary cam switch GX32
General characteristics				CAGE
Switching diagram				19 - Dahlander motor control switch 0-1-2
N° of elements				4
Mounting form				P - Plastic enclosure with black handle
Contact characteristics				
Rated insulation voltag	e Ui			
		IEC/EN	V	690
Data Plana Inc. 20 at a	L. Berry I.Perry	UL/CSA	V	600
Rated impulse withstar	·		kV	6
Conventional free air th	nermal current ith	IEO/EN	^	22
		IEC/EN UL/CSA	A	32 32
Rated operational volta	200	UL/CSA	A V	440
Rated operational impu			kV	4
	short-circuit protection In (gG)		IX V	
Waximam rase size for	short chould protostion in (gC)	10kA	Α	35
		15kA	A	35
		25kA	Α	35
Rated short time curre	nt Icw			
		1s	kA	1000
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			Α	32
	AC15		_	
		110V	Α	25
		220/230V	A	20
		380/400V	A	10
Dated energtional new	or in AC	660/690V	Α	2
Rated operational pow	Three-phase AC-3			
	Three-phase AC-3	220/230V	kW	7.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC-3			
	3 1	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
Dated aparational access	ont in DC	380/440V	kW	6
Rated operational curre	HILIII DC			

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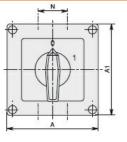
DC21A			
502171	40)/	Δ.	20
	48V	A	32
	60V	Α	32
	110V	Α	5
	220V	A	0.8
D0004 (440V	Α	0.25
DC23A (poles in series)	0.07		22 (1)
	24V	Α	32 (1)
	48V	Α	32 (2)
	60V	Α	32 (3)
	110V	Α	15 (3)
	220V	Α	12 (4)
DC13		_	
	24V	Α	32
	48V	Α	25
	60V	Α	14
	110V	Α	3
	220V	Α	0.5
	440V	Α	0.15
Power dissipation		W	1.6
Mechanical features			
Terminals screw			M4
Tightening torque for terminals max		Nm	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 cab			
001100001 0120 (120) 1 1011010 0000	min	mm²	1.5
	Max	mm²	6
Conductor size (IEC) - Rigid cable	THOS.		
3	min	mm²	1.5
3 • • • • • • • • • • • • • • • • • • •	min May	mm²	1.5 10
	min Max	mm²	10
Mechanical life			
Mechanical life UL technical data		mm²	10
Mechanical life UL technical data Motor power for direct-on-line control		mm²	10
Mechanical life UL technical data	Max	mm² cycles	10 1X10 ⁶
Mechanical life UL technical data Motor power for direct-on-line control	Max 120V	mm² cycles	10 1X10 ⁶
Mechanical life UL technical data Motor power for direct-on-line control	120V 240V	mm² cycles HP HP	10 1X10 ⁶ 3 7.5
Mechanical life UL technical data Motor power for direct-on-line control	120V 240V 480V	mm² cycles HP HP HP	10 1X10 ⁶ 3 7.5 15
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor	120V 240V	mm² cycles HP HP	10 1X10 ⁶ 3 7.5
Mechanical life UL technical data Motor power for direct-on-line control	120V 240V 480V 600V	mm² cycles HP HP HP HP	10 1X10 ⁶ 3 7.5 15
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	10 1X10 ⁶ 3 7.5 15 15
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor for single-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	10 1X10 ⁶ 3 7.5 15
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor for single-phase motor Ambient conditions	120V 240V 480V 600V	mm² cycles HP HP HP HP	10 1X10 ⁶ 3 7.5 15 15
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor for single-phase motor Ambient conditions Temperature	120V 240V 480V 600V	mm² cycles HP HP HP HP	10 1X10 ⁶ 3 7.5 15 15
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor for single-phase motor Ambient conditions	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP	10 1X10 ⁶ 3 7.5 15 15 1.5
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor for single-phase motor Ambient conditions Temperature	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP	10 1X10 ⁶ 3 7.5 15 15 1.5 3
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor for single-phase motor Ambient conditions Temperature Operating temperature	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP	10 1X10 ⁶ 3 7.5 15 15 1.5
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor for single-phase motor Ambient conditions Temperature	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP	10 1X10 ⁶ 3 7.5 15 15 1.5 3

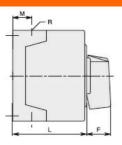


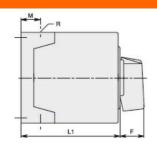
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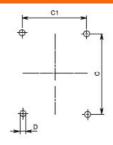
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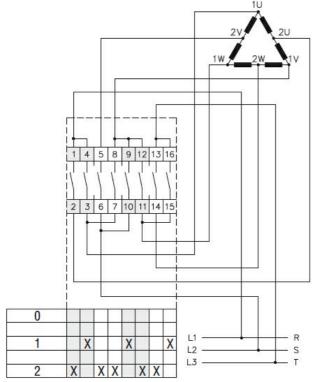






GX16 GX20	90x90	1 - 2 1 - 2	3-5 3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX16	110x110	1 - 3	4-7				1								
GX20		1 - 3	4-7	110	110	00.4	02	4.5	32	01	20.5	0E E	119.5	4xPG21	IP65
GX32		1 - 2	3-4	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4XPGZ1	1100
GX40		1 - 2	3-4												

Wiring diagrams



Certifications and compliance

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

EC001029 -Selector switch, complete