ENERGY AND AUTOMATION

ENCLOSED ROTARY CAM SWITCH GX SERIES, DAHLANDER MOTOR CONTROL SWITCH 0-1-2, 40A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

Product designation				Enclosed rotary cam switch
Product type designation	on			GX40
General characteristics				G. T. G
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 voltage	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar	d voltage Uimp		kV	6
Conventional free air th	ermal current Ith			
		IEC/EN	Α	40
		UL/CSA	Α	40
Rated operational volta	ge		V	440
Rated operational impu	ilse voltage		kV	4
Maximum fuse size for	short-circuit protection In (gG)			
	, , , , ,	10kA	Α	40
		15kA	Α	35
		25kA	Α	35
Rated short time currer	nt Icw			
		1s	kA	1000
Conductivity				10/5 mA/V
Operational current le l	EC/EN			
	AC1/AC21A			
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Α	40
	AC15			
		110V	Α	25
		220/230V	Α	22
		380/400V	Α	12
		660/690V	Α	2
Rated operational power	er in AC	200,000;	- , ,	
rated operational power	Three-phase AC-3			
	Times phase Ne s	220/230V	kW	7.5
		380/440V	kW	15
		500/690V	kW	15
	Single-phase AC-3	200,0001		
	Single phase 700 o	110V	kW	2.2
		220/230V	kW	4.4
		380/440V	kW	7
	Three-phase AC23A	300/440 V	IXVV	<u>'</u>
	00 pila00 / 1020/ 1	220/230V	kW	9
		380/440V	kW	18.5
		500/690V	kW	15
	Single-phase AC23A	300/090 V	IV V V	10
	Single-phase AUZSA	110V	kW	3
		220/230V	kW	5.2
		380/440V	kW	5.2 7.5
		J00/440 V	IV V	<u>. </u>

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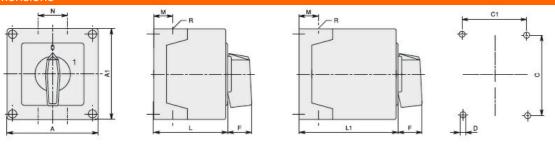
Rated operational c				
	DC21A	48V	۸	40
		60V	A A	40
		110V	A	6
		220V	A	0.8
		440V	A	0.8
	DC23A (poles in series)	440 V	^	0.25
	DC25A (poles in series)	24V	Α	40 (1)
		48V	A	40 (1)
		60V	A	40 (3)
		110V	A	40 (3)
		220V	A	12 (4)
	DC13	220 V		12 (4)
	DC13	24V	Α	40
		48V	A	32
		60V		16
		110V	A A	3
		220V	A	o.5
		220V 440V	A	0.5 0.15
)ower dissination		440 V	W	
Power dissipation Mechanical features			VV	1.6
erminals screw				M4
	r tarminala may		Nim	1.2
ightening torque fo	n terminais max		Nm	1.2
Conductor size	ANNO Divid calds			
	AWG - Rigid cable		A1A/O	4.0
		min	AWG	16
	ANNO 51 11 11	Max	AWG	8
	AWG - Flexible cable		414/0	4.0
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			4.5
		min	mm²	1.5
	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Max	mm²	6
	Conductor size (IEC) - Rigid cable		2	4 =
		min	mm²	1.5
		Max	mm²	10
lechanical life			cycles	1X10 ⁶
JL technical data				
Notor power for dire				
	for three-phase motor			_
		120V	HP	5
		240V	HP	10
		480V	HP	15
	 	600V	HP	15
	for single-phase motor			_
		120V	HP	2
		240V	HP	5
mbient conditions				
emperature				
	Operating temperature			
		min	°C	-25
			0.0	
		max	°C	+55

electric ENCLOSED ROTARY CAM SWITCH GX SERIES, DAHLANDER MOTOR CONTROL SWITCH 01-2, 40A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

min °C -40 max °C +70

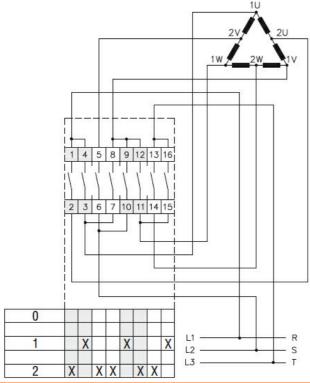
Resistance & Protection								
Frontal IP degree	IP65							
Terminals IP degree	IP20							

Dimensions



GX16	90x90	1-2	3-5	90	90	70	70	4.5	05	10	30	71.0	00.2	4xPG16	IDCE
GX20		1 - 2	3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4XPG10	IP65
GX16	110x110	1 - 3	4-7						· ·						
GX20		1 - 3	4-7	110	110	00.4	00	4.5	20	01	20.5	05.5	119.5	4xPG21	IDGE
GX32		1 - 2	3 - 4	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4XPGZ1	IP65
GX40		1 - 2	3-4	1	l										1

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



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GX4019P

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ETIM 8.0

EC001029 -Selector switch, complete