

# **GX4019P25** ENCLOSED ROTARY CAM SWITCH GX SERIES, DAHLANDER MOTOR CONTROL SWITCH 0-1-2, 40A IN PLASTIC ENCLOSURE 110X110MM WITH RED/YELLOW HANDLE

Product designation				Enclosed rotary
-				cam switch
Product type designati General characteristics				GX40
General characteristics				19 - Dahlander
Switching diagram				motor control switch 0-1-2
N° of elements				4
Mounting form				P25 - Plastic enclosure with red/yellow handle
Contact characteristics				
Rated insulation voltag	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar			kV	6
Conventional free air th	nermal current Ith			
		IEC/EN	A	40
		UL/CSA	A	40
Rated operational volta	-		V	440
Rated operational impo	-		kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	A	40
		15kA	A	35
Rated short time curre	at low	25kA	A	35
Rated short time curre	nt iCw	1s	А	1000
Conductivity		15	A	10/5 mA/V
Operational current le				10/3 IIIA/ V
Operational current le	AC1/AC21A			
			А	40
	AC15			10
		110V	А	25
		220/230V	А	22
		380/400V	А	12
		660/690V	А	2
Rated operational pow	er in AC			
	Three-phase AC-3			
		220/230V	kW	7.5
		380/440V	kW	15
		500/690V	kW	15
	Single-phase AC-3			
		110V	kW	2.2
		220/230V	kW	4.4
	Three phase AC22A	380/440V	kW	7
	Three-phase AC23A	220/230V	kW	9
		380/440V	kW	9 18.5
		500/690V	kW	15
	Single-phase AC23A	500/030 V	17.6.6	10
		110V	kW	3
		220/230V	kW	5.2
		380/440V	kW	7.5

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ENERGY AND AUTOMATION

Rated operational cu				
	DC21A			
		48V	Α	40
		60V	А	40
		110V	А	6
		220V	А	0.8
		440V	Α	0.25
	DC23A (poles in series)			
		24V	А	40 (1)
		48V	А	40 (1)
		60V	А	40 (3)
		110V	А	40 (3)
		220V	А	12 (4)
	DC13	-		( )
	2010	24V	А	40
		48V	A	32
		40V 60V	A	16
		110V	A	3
		220V	A	0.5
		220V 440V	A	0.15
Power dissinction		44U V	 	1.6
Power dissipation /lechanical features			٧V	0.1
erminals screw				M4
	n te main als us su		Niss	
ightening torque for	r terminais 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 cable			
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable			
	· · <u>-</u>	min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	1X10 <sup>6</sup>
JL technical data			•	
Notor power for dire	ct-on-line control			
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	15
		480V 600V	HP	15
	for single phase motor	0000	ΠF	10
	for single-phase motor	4001/	UП	2
		120V	HP	2
		240V	HP	5
Ambient conditions				
emperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			

Storage temperature

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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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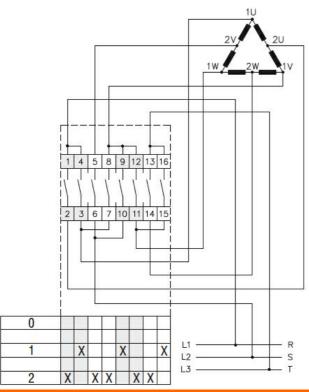
Resistance & Protection									m ma			-40 +70	
Frontal IP degree												IP65	
Terminals IP degree												IP20	
Dimensions													
		F	-		R		4	+ + +	C1	→ → → → → → → → → → → →	L.	×	
GX16 90x90 1 - 2 GX20 1 - 2	3-5 3-5 90	90 79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65	-	
GX16 110x110 1 - 3   GX20 1 - 3   GX32 1 - 2	4-7 4-7 3-4 110	110 98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65		

Wiring diagrams

1-2

3-4

GX40



# 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

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EAC

ETIM classification

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ETIM 8.0

EC001029 -Selector switch, complete