

ROTARY CAM SWITCH GX SERIES, DAHLANDER MOTOR CONTROL SWITCH 0-1-2, 20A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

5				Rotary cam
Product designation			switches	
Product type designation				GX20
General characteristics				19 - Dahlander
Switching diagram				motor control switch 0-1-2
N° of elements				4
Mounting form				O - Rear mounting with black handle
Contact characteristics				black Harraic
Rated insulation voltage				
· ·		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstan	d voltage Uimp		kV	6
Conventional free air th	ermal current Ith			
		IEC/EN	Α	20
-		UL/CSA	Α	15
Rated operational volta			V	440
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	Α	20
		15kA	A	20
D () ()		25kA	Α	20
Rated short time currer	nt ICW	10	LΛ	250
Conductivity		1s	kA	10/5 mA/V
Operational current le I	EC/EN			10/3 111/7 V
Operational current le i	AC1/AC21A			
	AO II AO ZI A		Α	20
	AC15			
		110V	Α	10
		220/230V	Α	8
		380/400V	Α	6
		660/690V	Α	1.5
Rated operational power	er in AC			_
	Three-phase AC-3			
		220/230V	kW	3.7
		380/440V	kW	5.5
		500/690V	kW	5.5
	Single-phase AC-3	440)/		0.75
		110V	kW	0.75
		220/230V 380/440V	kW kW	1.8 3
	Three-phase AC23A	30U/44UV	KVV	<u> </u>
	Tillee-pilase AO23A	220/230V	kW	4
		380/440V	kW	7.5
		500/690V	kW	7.5 7.5
	Single-phase AC23A	230,000 4		
	J - F	110V	kW	0.75
		220/230V	kW	2.2
		380/440V	kW	3.5
Rated operational curre	ent in DC			



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	DC21A			
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			0.20
	2026, (polos III oslico)	24V	Α	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
		220V	A	
	DC42	220 V	A	8 (4)
	DC13	0.41.7	Δ.	00
		24V	A	20
		48V	Α	16
		60V	Α	12
		110V	Α	1
		220V	Α	0.4
-		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				M3
Tightening torque for te	erminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	7.1.70 Tagla sable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	WICK	71110	12
	AVVO T TOXIBLE GABLE	min	AWG	20
		Max	AWG	12
	Conductor size (ICC) Florible coble	IVIAX	AVVG	12
	Conductor size (IEC) - Flexible cable			٥.5
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
-		Max	mm²	2.5
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for direct-	on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
	U 1	120V	HP	0.75
		240V	HP	1.5
Ambient conditions		0 v		
Temperature				
romporature	Operating temperature			
	Operating temperature	ma:-a	°C	25
		min	°C	-25
	0	max	°C	+55
	Storage temperature	-	^ -	4.0
		min	°C	-40

ENERGY AND AUTOMATION

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	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensions			
Miring diagrams			

Wiring diagrams 10 20 11 21 11 4 5 8 9 12 13 16 2 3 6 7 10 11 14 15 2 3 6 7 10 11 14 15

Certifications and compliance

Compliance

CSA C22.2 n° 14

L3

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

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete