ROTARY CAM SWITCH GX SERIES, DAHLANDER MOTOR 2-SPEED REVERSING SWITCH, 20A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation				Rotary cam
Product type designati	switches GX20			
General characteristics				GA20
Switching diagram				20 - Dahlander motor 2-speed reversing switch
N° of elements				6
Mounting form				U - Front mounting with black handle
Contact characteristics				
Rated insulation voltag	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar	nd voltage Uimp		kV	6
Conventional free air th	nermal current Ith			
		IEC/EN	Α	20
		UL/CSA	Α	15
Rated operational volta	age		V	440
Rated operational imp			kV	4
	short-circuit protection In (gG)			_
		10kA	Α	20
		15kA	Α	20
		25kA	Α	20
Rated short time curre	nt Icw			
		1s	Α	250
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			Α	20
	AC15			_
		110V	Α	10
		220/230V	Α	8
		380/400V	Α	6
		660/690V	Α	1.5
Rated operational pow	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			
		110V	kW	0.75
		220/230V	kW	1.8
		380/440V	kW	3
	Three-phase AC23A			
		220/230V	kW	4
		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC23A			
		110V	kW	0.75
		220/230V	kW	2.2
		380/440V	kW	3.5

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Rated operational cur				
	DC21A	40)/		00
		48V	A	20
		60V	A	20
		110V	A	4
		220V	A	0.6
	DCCCA (nales in entire)	440V	A	0.25
	DC23A (poles in series)	0.4)/	Δ.	00 (4)
		24V	A	20 (1)
		48V	A	20 (2)
		60V 110V	A	20 (3)
		220V	A	10 (3)
	DC42	2201	Α	8 (4)
	DC13	241/	۸	20
		24V 48V	A A	20 16
		60V		
		110V	A A	12 1
		220V	A	0.4
		440V		
Power dissipation		4401	A W	0.15 0.6
Power dissipation lechanical features			VV	0.0
erminals screw				M3
	torminals may		Nm	
ightening torque for	terminals max		INIII	0.8
Conductor size	AMO Divid calds			
	AWG - Rigid cable		A1A/O	00
		min	AWG	20
	ANNO EL TIL LI	Max	AWG	12
	AWG - Flexible cable	•	A1A/O	00
		min	AWG	20
	0 1 ("50) 51 11 11	Max	AWG	12
	Conductor size (IEC) - Flexible cable		2	0.5
		min	mm²	0.5
	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable		2	
		min	mm²	0.5
A I I PC .		Max	mm²	2.5
/lechanical life			cycles	1X10 ⁶
JL technical data				
Aston marrian for 11	t an line control			
Notor power for direc				
Notor power for direc	t-on-line control for three-phase motor		ı.e	4.5
Notor power for direc		120V	HP	1.5
Motor power for direc		240V	HP	3
Motor power for direc		240V 480V	HP HP	3 5
Motor power for direc	for three-phase motor	240V	HP	3
Motor power for direc		240V 480V 600V	HP HP HP	3 5 5
Motor power for direc	for three-phase motor	240V 480V 600V	HP HP HP	3 5 5 0.75
	for three-phase motor	240V 480V 600V	HP HP HP	3 5 5
ambient conditions	for three-phase motor	240V 480V 600V	HP HP HP	3 5 5 0.75
Ambient conditions	for three-phase motor for single-phase motor	240V 480V 600V	HP HP HP	3 5 5 0.75
Ambient conditions	for three-phase motor	240V 480V 600V 120V 240V	HP HP HP HP	3 5 5 0.75 1.5
Motor power for direct Ambient conditions Emperature	for three-phase motor for single-phase motor	240V 480V 600V	HP HP HP	3 5 5 0.75

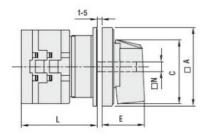


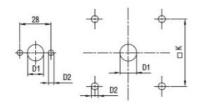
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min °C -40 max °C +70

Resistance & Protection		
Frontal IP degree		IP65
Terminals IP degree		IP20

Dimensions

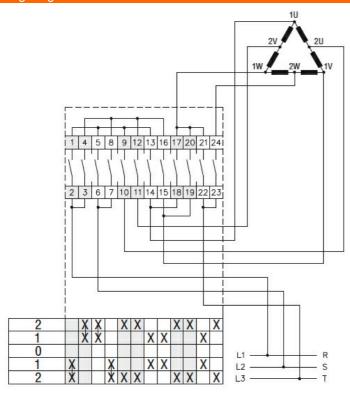




Drillings for 4 screws fixing (4V version).

Carias			D	imensio	ns						9	L	Number	of eler	ments				
Series	□A	C	ØD1	ØD2	Е	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
GX16	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX20	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX32	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183
GX40	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

IEC/EN/BS 61058-1

UL60947-4-1





ENERGY AND AUTOMATION

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Certificates		
	cULus	
	EAC	
ETIM classifica	ation	
		EC001029 -
ETIM 8.0		Selector switch,

Selector switch, complete