

ROTARY CAM SWITCH GX SERIES, DAHLANDER MOTOR 2-SPEED REVERSING SWITCH, 20A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam
-			switches
Product type designation			GX20
General characteristics			20 - Dahlander
Switching diagram			motor 2-speed reversing switch
N° of elements			6
			U47 - Snap on
Mounting form			fron mounting with black handle
Wouthing form			for hole diam.
			22mm finxing
Contact characteristics			, and the second
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	. _	_	
	IEC/EN	Α	20
	UL/CSA	A	15
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	Α	20
	15kA	A	20
	25kA	A	20
Rated short time current lcw	2010 (
	1s	kA	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	A	6
Rated operational power in AC	660/690V	A	1.5
Three-phase AC-3			
Tillee-pilase AO-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
011 1 0000	500/690V	kW	7.5
Single-phase AC23A	4401/	1.1.1.7	0.75
	110V 220/230V	kW kW	0.75 2.2
	ZZU/Z3U V	V A A	۷.۷



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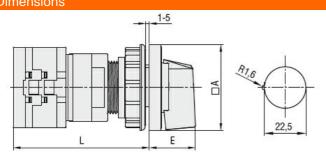
		380/440V	kW	3.5
Rated operational curr	ent in DC			
	DC21A			
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)	0.417		22 (4)
		24V	A	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
	D040	220V	Α	8 (4)
	DC13	241/	۸	20
		24V 48V	A	20 16
			A	
		60V 110V	A A	12 1
		220V	A	0.4
Dawer discinction		440V	Α	0.15
Power dissipation Mechanical features			W	0.6
Terminals screw				M3
Tightening torque for to	orminale may		Nm	0.8
Conductor size	enninais max		INIII	0.0
Conductor Size	AWC Pigid cable			
	AWG - Rigid cable	min	AWG	20
	AWG - Flexible cable	Max	AWG	12
	AVVG - Flexible cable	min	A1A/C	20
		min Max	AWG AWG	20 12
	Conductor size (IEC) - Flexible cable	IVIAX	AWG	12
	Conductor size (IEC) - Flexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVIAX	111111	2.5
	Conductor Size (IEC) - Rigid Cable	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVICA	cycles	1X10 ⁶
UL technical data			Cycles	17/10
Motor power for direct-	-on-line control			
oto. potroi foi alloot	for three-phase motor			
	io. ande phase motor	120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor	000 V		
	.s. single phase motor	120V	HP	0.75
		240V	HP	1.5
Ambient conditions		Z+0 V	4 !!	
Temperature				
Tomporataro	Operating temperature			
	Spording temperature	min	°C	-25
		max	°C	+55
		IIIux	_	



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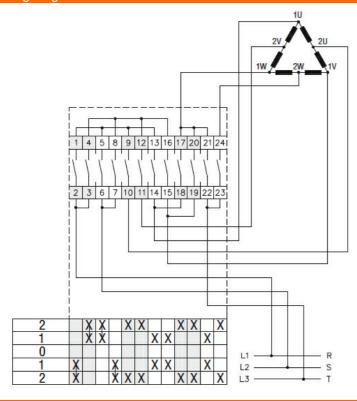
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Storage temperature				
•	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP65	
Terminals IP degree			IP20	



Carios	Dimensions		L			
Series	□A	Е	1	2	3	8
GX16	48	26.5	64.9	73.4	81.9	124.4
GX20	48	26.5	64.9	73.4	81.9	124.4

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



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GX2020U47

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Certificates				
	cULus			
	EAC			
ETIM classification	n			

ETIM 8.0

EC001029 -Selector switch, complete