



## ROTARY CAM SWITCH GX SERIES, DAHLANDER MOTOR CONTROL SWITCH 0-1-2, 20A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Draduat designation			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
			O48 - Modular
Mounting form			service cover for 35mm din rail mounting with black handle
Contact characteristics			
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	A	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)	401-4	Δ.	00
	10kA 15kA	A A	20 20
	25kA	A	20
Rated short time current lcw	ZJKA		20
Nated short time current low	1s	kA	250
Conductivity	10	10 (	10/5 mA/V
Operational current le IEC/EN			10/0111114
AC1/AC21A			
		Α	20
AC15			
	110V	Α	10
	220/230V	Α	8
	380/400V	Α	6
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	3.7
	380/440V	kW	5.5
0'11	500/690V	kW	5.5
Single-phase AC-3	440)/	1.1.1.7	0.75
	110V 220/230V	kW kW	0.75 1.8
	380/440V	kW	3
Three-phase AC23A	300/4407	r v v	J
Tillee-pilase AOZOA	220/230V	kW	4
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC23A	220,000 1		
<del>-</del>	110V	kW	0.75
	220/230V	kW	2.2





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		380/440V	kW	3.5
Rated operational curre	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)	0.437		00 (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	A	20
		48V	A	16
		60V	A	12
		110V 220V	A	1
			A	0.4
Danier diagination		440V	Α	0.15
Power dissipation  Mechanical features			W	0.6
Terminals screw				M3
Tightening torque for to	orminals may		Nm	0.8
Conductor size	enninais max		INIII	0.0
Conductor Size	AWC Bigid apple			
	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) Flevible coble	IVIAX	AWG	12
	Conductor size (IEC) - Flexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVIAX	111111	2.0
	Conductor Size (IEC) - Rigid Cable	min	mm²	0.5
		Max	mm²	0.5 2.5
Mechanical life		IVIAX	cycles	1X10 <sup>6</sup>
UL technical data			Cycles	1/10
Motor power for direct-	-on-line control			
Motor power for difect	for three-phase motor			
	ioi tilloo pilago illotoi	120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor	000 V	1 11	
	ioi oiligio pilaoo illotoi	120V	HP	0.75
		240V	HP	1.5
Ambient conditions		240 V	rir'	1.0
Temperature				
remperature	Operating temperature			
	Operating temperature			
		min	°C	-25
		min max	°C	-25 +55



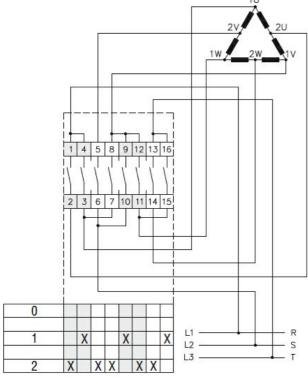
**ENERGY AND AUTOMATION** 

## GX2019O48

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-40 - 70
. 70
+70
IP65
IP20

## 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

Certificates

cULus

EAC

ETIM classification

**ETIM 8.0** 

EC001029 -Selector switch, complete