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

Product designation				Rotary cam
-				switches GX20
Product type designati				GA20
General characteristics Switching diagram			20 - Dahlander motor 2-speed reversing switch	
N° of elements				6
Mounting form				O - Rear 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 impo	ulse voltage		kV	4
Maximum fuse size for	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				
	AC1/AC21A			
			Α	20
	AC15		_	
		110V	A	10
		220/230V	A	8
		380/400V	A	6
Data d anarational nav	or in AC	660/690V	A	1.5
Rated operational pow				
	Three-phase AC-3	220/2201/	Iz\A/	3.7
		220/230V 380/440V	kW kW	5.7 5.5
		500/690V	kW	5.5
	Single-phase AC-3	300/030 V	KVV	0.0
	olligic phase Ao o	110V	kW	0.75
		220/230V	kW	1.8
		380/440V	kW	3
	Three-phase AC23A	230,		
	•	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

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

Rated operational cu				
	DC21A	40)/	Δ.	00
		48V	A	20
		60V	A	20
		110V	A	4
		220V	A	0.6
	DOOM (selection)	440V	A	0.25
	DC23A (poles in series)	0.41/	۸	00 (4)
		24V	A	20 (1)
		48V	A	20 (2)
		60V 110V	A	20 (3)
		220V	A A	10 (3)
	DC13	220 V	Α	8 (4)
	DC13	24V	۸	20
		48V	A A	20 16
		60V	A	12
		110V	A	12
		220V	A	0.4
		440V	A	0.4
Power dissipation		440 V	W	0.6
Power dissipation lechanical features			VV	0.6
erminals screw				M3
Fightening torque for	torminals may		Nm	0.8
Conductor size	terrilliais max		INIII	0.6
Conductor Size	AWC Pigid cable			
	AWG - Rigid cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVIAX	AWG	12
	AVVG - Flexible Cable	min	AWG	20
		min Max	AWG	12
	Conductor size (IEC) Elevible 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	2.5
Mechanical life		IVICA	cycles	1X10 <sup>6</sup>
JL technical data			Cycles	1/10
Notor power for direct	pt-on-line control			
notor power for direc	for three-phase motor			
	ioi tilico pilaso motor	120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
	ioi onigio pridocimotor			0.75
		120\/	HP	
		120V 240V	HP HP	
Ambient conditions		120V 240V	HP HP	1.5
	Operating temperature			
	Operating temperature	240V	HP	1.5
Ambient conditions Temperature	Operating temperature			

**ENERGY AND AUTOMATION** 

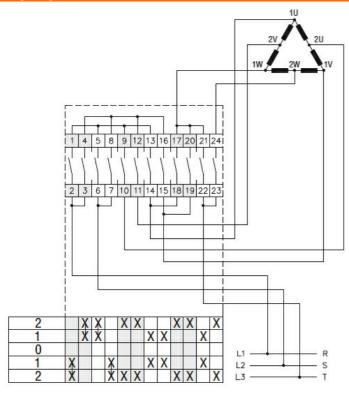
ROTARY CAM SWITCH GX SERIES, DAHLANDER MOTOR 2-SPEED REVERSING SWITCH, 20A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

min	°C	-40
max	°C	+70

	 _	· · · •
Resistance & Protection		
Frontal IP degree		IP65
Terminals IP degree		IP20

#### Dimensions

### 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