

ROTARY CAM SWITCH GF SERIES, DAHLANDER MOTOR 2-SPEED REVERSING SWITCH, 20A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

				Rotary cam
Product designation				switches
Product type designati				GF20
General characteristics				
Conitabilia a dia avana				20 - Dahlander
Switching diagram				motor 2-speed reversing switch
N° of elements				6
TT OF GIGHTOTIC				O48 - Modular
				service cover for
Mounting form				35mm din rail
				mounting with
Contact above stavistics				black handle
Contact characteristics Rated insulation voltage				
Rateu irisulation voitag	e oi	IEC/EN	V	480
		UL/CSA	V	240
Rated impulse withstar	nd voltage Himp	02/00/1	kV	4
Conventional free air th			100	<u> </u>
	ionnal carrone in	IEC/EN	Α	20
		UL/CSA	Α	15
Rated operational volta	age		V	480
Rated operational imp	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			0.50
O a a alconticita :		1s	kA	250
Conductivity	ICC/CNI			10/5 mA/V
Operational current le	AC1/AC21A			
	ACT/ACZTA		Α	20
	AC15			
	ACTO	110V	Α	10
		220/230V	Α	8
		380/400V	Α	6
Rated operational pow	er in AC			_
	Three-phase AC-3			
		220/230V	kW	3
		380/440V	kW	5
	Single-phase AC-3			
		110V	kW	0.5
		220/230V	kW	1.5
	Three phase ACCOA	380/440V	kW	2
	Three-phase AC23A	220/230V	kW	4
		380/440V	kW	7.5
	Single-phase AC23A	JJU/440 V	17 A A	1.0
	5gio pridoo /1020/1	110V	kW	0.75
		220/230V	kW	2
		380/440V	kW	2.5
Rated operational curr	ent in DC			_
	DC21A			





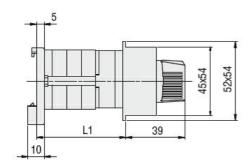
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		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	Α	0.7
		440V	Α	0.2
	DC13			
		24V	Α	6
		48V	Α	6
		60V	Α	3
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for	terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	G	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
	001100001 0120 (120) 1 10/10/10 00010	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
	Conductor GIEC (IEC) Trigid Capie	min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1x10 ⁶
UL technical data			Oy 0100	17.10
Motor power for direct	t-on-line control			
motor power for all co	for three-phase motor			
	for three phase motor	240V	HP	3
	for single-phase motor	Z-10 V	1 11	
	ioi single-phase motor	240V	HP	1
Ambient conditions		240 V	1 11	'
Temperature				
remperature	Operating temperature			
	Operating temperature	min	°C	-25
			°C	
	Storage temperature	max	<u> </u>	+55
	Storage temperature		°C	40
		min	°C	-40 - 70
Desire and Desired		max	°C	+70
Resistance & Protect	lon			ID 40
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				



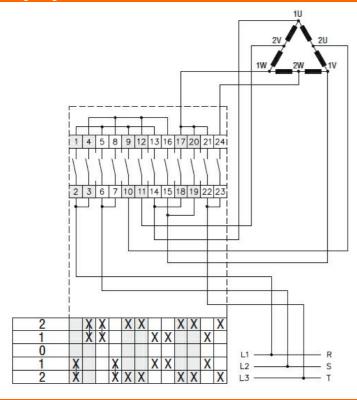
ENERGY AND AUTOMATION

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Corios	L1			
Series	1	2	3	
GF20	40	53.5	67	

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

UL60947-4-1

Certificates

cULus

EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete