

ROTARY CAM SWITCH GF SERIES, DAHLANDER MOTOR 2-SPEED REVERSING SWITCH, 10A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 30X30MM

Draduct designation			Rotary cam
Product designation			switches
Product type designation  General characteristics			GF10
Switching diagram			20 - Dahlander motor 2-speed reversing switch
N° of elements			6
Mounting form			U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics			
Rated insulation voltage Ui	IEC/EN UL/CSA	V V	480 240
Rated impulse withstand voltage Uimp		kV	4
Conventional free air thermal current Ith	IEC/EN UL/CSA	A A	10 10
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	Α	16
Rated short time current lcw	1s	Α	250
Conductivity			10/5 mA/V
Operational current le IEC/EN  AC1/AC21A			
AC1/AC21A		Α	10
AC15		- , ,	
	110V 220/230V 380/400V	A A A	5 3 2
Rated operational power in AC	000, 1001		
Three-phase AC-3	220/230V	kW	1.5
Single-phase AC-3	380/440V	kW	2.2
Olligio pridoc 70 0	110V 220/230V	kW kW	0.3 0.55
Thurs a horse A COOA	380/440V	kW	0.75
Three-phase AC23A	220/230V	kW	1.8
Single-phase AC23A	380/440V	kW	3
Single-phase AC23A	110V 220/230V	kW kW	0.7 0.75
Pated aparational aurrent in DC	380/440V	kW	1.1
Rated operational current in DC DC21A	48V	А	10





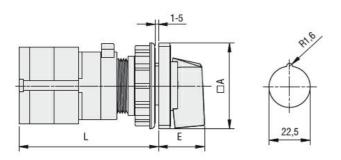
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		60V	Α	7
		110V	Α	2
		220V	Α	0.7
		440V	A	0.2
	DC13	770 V		0.2
	0013	24V	Α	3
		48V	A	3
		60V	A	2
		110V	A	1
		220V	A	0.3
Dower discipation		440V	A W	0.1
Power dissipation			VV	0.4
Mechanical features				0.714
Terminals screw				2.5M
Tightening torque for te	rminals max		Nm	0.4
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	14
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	1.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	1.5
Mechanical life		TVICOX	cycles	1x10 <sup>6</sup>
UL technical data			Cyclos	17.10
Motor power for direct-	on-line control			
wotor power for direct-				
	for three-phase motor	0.40\/	LID	0
	Construction of the construction	240V	HP	2
	for single-phase motor	0.40\/	ш	0.75
A self-tendence Potence		240V	HP	0.75
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protectio	n			
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				



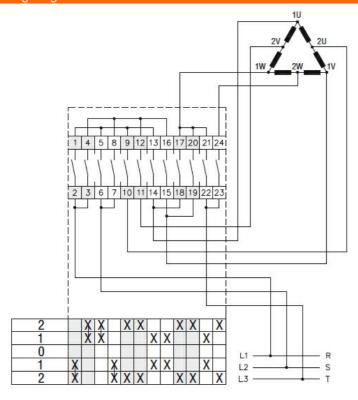
**ENERGY AND AUTOMATION** 

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Series	Dimensions		L			
	□A	Е	1	2	3	8
GF10	30	18.5	60	72	84	144
GF20	48	26.5	56	69.5	83	150.5

## 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