



ROTARY CAM SWITCH GF SERIES, DAHLANDER MOTOR CONTROL SWITCH 0-1-2, 10A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 30X30MM

Product designation	Droduct designation				Rotary cam
Switching diagram 19 - Dahlander motor control switch 0-1-2	_				
Switching diagram 19 - Dahlander 1					GF10
N° of elements		S			
Mounting form With Diack handle for hole diam. With Diack handle for hole diam. Samme from mounting with black handle for hole diam. Samme from from mounting with black handle for hole diam. Samme from from from from from from from from					
Mounting form Information with black handle for hole diam. 22mm finxing with black handle for hole diam. 22mm finxing Contact characteristics Rated insulation voltage Uim IEC/EN V 480 UL/CSA V 240 Rated impulse withstand voltage Uimp IEC/EN V 4 10 Conventional free air thermal current Ith IEC/EN A 10 Rated operational voltage V 480 Rated operational impulse voltage V 480 Rated short time current Icw 10kA A 16 Rated short time current Icw 1 10kA A 16 Rated short time current Icw 1 10kB A 250 Conductivity 1 10kB A 3 16 Rated Act 16 1 10kB A 3 16 Rated short time current Icw 1 10kB A 3 16 Rated short time current Icw 1 10kB A 3 16 Rated short time current Icw 1 10kB A 3 16 Rated short time current Icw 1 10kB A 3 16 Rated short time current Icw 2 20/230V A 3 250 Act 15 2 20/230V A 3 20 Rated operational power in Ac 2 20/230V KW 0 25 Three-phase AC-3 2 20/230V KW 0 25 Single-phase AC23A 2 20/23	N° of elements				
Mounting form Section					
Contact characteristics	Mounting form				
IEC/EN V 480					
Rated insulation voltage Ui					22mm finxing
IEC/EN V 480					
Rated impulse withstand voltage Uimp	Rated insulation voltag	ge Ui	IEO/EN		400
Rated impulse withstand voltage Uimp					
Conventional free air thermal current ith	Patad impulsa witheta	nd voltage Llimp	UL/CSA		
Rated operational voltage	<u></u>			K V	4
Rated operational voltage	Conventional nee all t	normal outlone tall	IFC/FN	Α	10
Rated operational voltage			= :		
Rated operational impulse voltage	Rated operational volt	age			
Maximum fuse size for short-circuit protection In (gG)				kV	4
Rated short time current lcw					
1s			10kA	Α	16
Conductivity	Rated short time curre	ent Icw			
Operational current le IEC/EN			1s	kA	
AC1/AC21A AC15 T10V A 5 220/230V A 3 380/400V A 2 Rated operational power in AC Three-phase AC-3 Single-phase AC-3 Three-phase AC23A Three-phase AC2					10/5 mA/V
A 10 AC15 110V A 5 220/230V A 3 380/400V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 1.5 380/440V kW 2.2 Single-phase AC-3 110V kW 0.3 220/230V kW 0.55 380/440V kW 0.75 Three-phase AC23A 220/230V kW 0.75 Three-phase AC23A 220/230V kW 0.75 Three-phase AC23A 110V kW 0.75 380/440V kW 3 Single-phase AC23A 110V kW 0.75 380/440V kW 0.75 220/230V kW 0.75 380/440V kW 0.75 Rated operational current in DC DC21A Rated operational current in DC DC21A	Operational current le				
AC15 110V A 5 220/230V A 3 380/400V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 1.5 380/440V kW 2.2 Single-phase AC-3 110V kW 0.3 220/230V kW 0.55 380/440V kW 0.75 Three-phase AC23A 220/230V kW 0.75 Three-phase AC23A 220/230V kW 0.75 Three-phase AC23A 110V kW 0.75 Three-phase AC23A 110V kW 0.75 Three-phase AC23A 110V kW 0.75 110V kW 0.75 110V kW 0.75		AC1/AC21A			4.0
110V		1045		А	10
Rated operational power in AC Three-phase AC-3		AC15	110\/	۸	5
Rated operational power in AC Three-phase AC-3 220/230V kW 1.5 380/440V kW 2.2 Single-phase AC-3 110V kW 0.3 220/230V kW 0.55 380/440V kW 0.75 Three-phase AC23A 220/230V kW 3 3 Single-phase AC23A 220/230V kW 3 Single-phase AC23A 110V kW 0.7 220/230V kW 0.75 380/440V kW 0.75 380/440V kW 1.1 Rated operational current in DC DC21A 48V A 10					
Rated operational power in AC Three-phase AC-3 220/230V kW 1.5 380/440V kW 2.2 Single-phase AC-3 110V kW 0.3 220/230V kW 0.55 380/440V kW 0.75 Three-phase AC23A 220/230V kW 0.75 Three-phase AC23A 220/230V kW 1.8 380/440V kW 3 Single-phase AC23A 110V kW 0.7 220/230V kW 3 Rated operational current in DC DC21A Rated operational current in DC DC21A					
Three-phase AC-3 220/230V kW 1.5 380/440V kW 2.2 Single-phase AC-3 110V kW 0.3 220/230V kW 0.55 380/440V kW 0.75 Three-phase AC23A 220/230V kW 1.8 380/440V kW 3 Single-phase AC23A 110V kW 3 Single-phase AC23A 110V kW 0.7 220/230V kW 1.8 380/440V kW 3 Rated operational current in DC DC21A 48V A 10	Rated operational pov	ver in AC	3337 1337	- , ,	
220/230V kW 1.5 380/440V kW 2.2 Single-phase AC-3 110V kW 0.3 220/230V kW 0.55 380/440V kW 0.75 Three-phase AC23A 220/230V kW 1.8 380/440V kW 3 Single-phase AC23A 220/230V kW 3 Single-phase AC23A 110V kW 0.7 220/230V kW 0.75 380/440V kW 1.1 Rated operational current in DC DC21A 48V A 10					
Single-phase AC-3		·	220/230V	kW	1.5
110V kW 0.3 220/230V kW 0.55 380/440V kW 0.75			380/440V	kW	2.2
220/230V		Single-phase AC-3			
380/440V kW 0.75					
Three-phase AC23A 220/230V kW 1.8 380/440V kW 3 Single-phase AC23A 110V kW 0.7 220/230V kW 0.75 380/440V kW 1.1 Rated operational current in DC DC21A 48V A 10					
220/230V		Thurs a horse A COOA	380/440V	KVV	0.75
380/440V kW 3		Three-phase AC23A	220/2201/	L/V 1	1 Ω
Single-phase AC23A					
110V kW 0.7		Single-phase AC23A	300/TT0 V	17.4.4	
220/230V kW 0.75		gio pilado / 1020/ 1	110V	kW	0.7
Rated operational current in DC DC21A 48V A 10					
DC21A 48V A 10					
48V A 10	Rated operational curr	ent in DC			
		DC21A			
60V A 7					
			60V	A	7





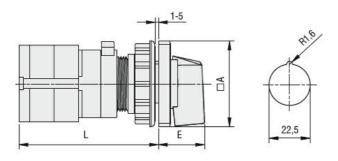
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		110V	Α	2
		220V	Α	0.7
		440V	Α	0.2
	DC13	1101	,,	0.2
	DO13	24V	Α	3
		48V	A	3
		60V	A	2
		110V	A	1
		220V	A	0.3
D P		440V	A	0.1
Power dissipation			W	0.4
Mechanical features				
Terminals screw				2.5M
Tightening torque for to	erminals max		Nm	0.4
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			
	Conductor of the (120) Thombie capie	min	mm²	0.5
		Max	mm²	1.5
	Conductor size (IEC) - Rigid cable	Wax	***************************************	1.0
	Obliquetor Size (IEO) Trigia cable	min	mm²	0.5
		Max	mm²	1.5
Mechanical life		IVIAX		
			cycles	1x10 ⁶
UL technical data	an line annual			
Motor power for direct-				
	for three-phase motor			
		240V	HP	2
	for single-phase motor			
		240V	HP	0.75
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection	on			
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				20
Difficholoffs				



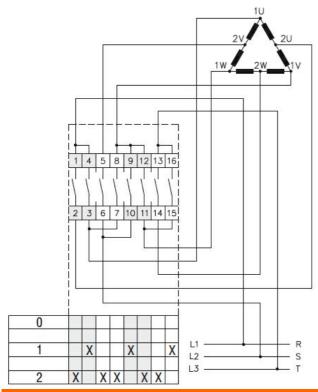


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Series	Dimensions		L			
	□A	Е	1	2	3	8
GF10	30	18.5	60	72	84	144
GF20	48	26.5	56	69.5	83	150.5

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