

GF20190 ROTARY CAM SWITCH GF SERIES, DAHLANDER MOTOR CONTROL SWITCH 0-1-2, 20A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam
Product type designation			switches GF20
General characteristics			0120
Switching diagram			19 - Dahlander motor control switch 0-1-2
N° of elements			4
Mounting form			O - Rear mounting with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	480
	UL/CSA	V	240
Rated impulse withstand voltage Uimp		kV	4
Conventional free air thermal current Ith		•	0.0
	IEC/EN UL/CSA	A	20 15
Rated operational voltage	UL/CSA	A V	480
Rated operational impulse voltage		kV	480
Maximum fuse size for short-circuit protection In (gG)		κν	
	10kA	А	20
	15kA	A	20
	25kA	А	20
Rated short time current Icw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		A	20
AC15	44014		10
	110V	A	10
	220/230V 380/400V	A A	8 6
Rated operational power in AC	300/4007	A	0
Three-phase AC-3			
miee-phase A0-5	220/230V	kW	3
	380/440V	kW	5
Single-phase AC-3			-
	110V	kW	0.5
	220/230V	kW	1.5
	380/440V	kW	2
Three-phase AC23A			
	220/230V	kW	4
	380/440V	kW	7.5
Single-phase AC23A			0.75
	110V	kW	0.75
	220/230V	kW	2
Pated operational current in DC	380/440V	kW	2.5
Rated operational current in DC DC21A			
DOZIA	48V	А	20
	-10 V	A	20

GF2019O

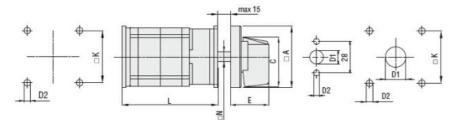


GF20190 ROTARY CAM SWITCH GF SERIES, DAHLANDER MOTOR CONTROL SWITCH 0-1-2, 20A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

60V A 20 110V A 4 220V A 0.7 440V A 0.2 DC13 24V A 6 60V A 3 110V A 1 220V A 0.4 48V A 6 60V A 3 110V A 1 220V A 0.4 440V A 0.15 Power dissipation W 0.8 Mechanical features W 0.8 Terminals screw M3 110V A 0.5 Conductor size MG 12 AWG - Rigid cable min AWG 12 Max AWG 12 Conductor size (IEC) - Flexible cable min Mm² 0.5 Max mm² 0.5 Conductor size (IEC) - Rigid cable min mm² 0.5 Max mm² 0.5 Mechanical life cycles 1x10° V					
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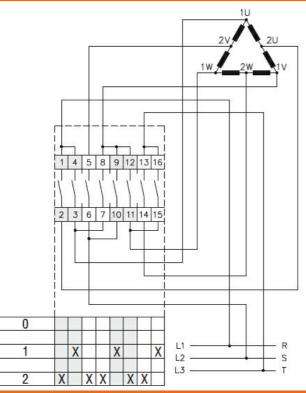


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Series			D	imensior	IS			L Number of elements											
Series	□A	С	ØD1	ØD2	E	□K	Ν	1	2	3	4	5	6	7	8	9	10	11	12
GF20	48	39.5	12	5	26.5	36	□6	46	59.5	73	86.5	100	113.5	127	140.5	154	167.5	181	194.5

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