

GF2052U11 ROTARY CAM SWITCH GF SERIES, CHANGEOVER SWITCH 2 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

Induct by designation GF20 Central characteristics 52 - Changeover switch 2 poles Switching diagram 2 N° of elements 2 Mounting form U11 - Front mounting with black handle without from plate to fro foel dian. Quarter Characteristics 2 Rated insulation voltage Ui IEC/EN UL/CSA V Rated insulation voltage Ui IEC/EN UL/CSA V Quarter Characteristics 2 Rated insulation voltage Ui IEC/EN UL/CSA V Rated insulation voltage KV Quarter Characteristics 2 Rated operational voltage KV Rated operational voltage KV Rated operational impulse voltage KV Maximum fuse size for short-circuit protection In (gG) 10kA A Conductivity 10 25/0 Conductivity 10'S mA/V 20 Quarter I e IEC/EN 200 22/02/30V AC1/AC21A A 20 Ac1/AC21A	Product designation				Rotary cam
General characteristics 52 - Chargeover Switching diagram 52 - Chargeover N° of elements 2 Witching form Uff 1 - Front Mounting form Uff 1 - Front Bated insulation voltage UI Uff 2 - Front ULUCSA V Act discussion 20 Rated insulation voltage UI ULCSA ULUCSA A ULUCSA A Rated operational voltage V Rated operational imputes voltage V Rated operational imputes voltage V Maximum fuse size for short-circuit protection In (gC) 10kA A 20 15KA A Rated operational imputes voltage KV A 20 15KA A 20 10kA A 20 15KA A 20 10kA A 20 15KA A 20 10kA A 20 201/2020 A 202/2020 A	-	tion			
Switching diagram 52 - Changeover switch 2 poles N° of elements 2 N° of elements 2 Mounting form mounting with black handle without front plate for hole diam. 2 Contact charasteristics 2 Rated insulation voltage Uinp K 4 Conventional free air thermal current th IEC/EN V 480 Rated inpulse withstand voltage V 480 4 Conventional free air thermal current th IEC/EN A 20 Rated operational voltage K 4 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 Rated operational current lcw 1 A 20 Conductivity 105 mA/V 20 26kA A Querational current I EE/CN A 20 20/taX A AC15 110V A 10 20/taX A Conductivity 10/ts AA 20 20/230V A 8 Rated operational current I EC/EN A					GF20
N° of elements2Mounting vithU11 - Front mounting vith black handle without front plate for hole dam. 22mm fixingContact characteristicsIEC/EN VVRated insulation voltage UiIEC/EN UL/CSAVRated insulation voltage UimpKV4Conventional free air thermal current thIEC/EN UL/CSAARated operational inpulse voltageV480Rated short time current low10KA 25KAARated short time current low1sAConductivity10/5 mA/VOperational current le IEC/EN AC1/AC21AA20Acti5110V 380/400VARated operational power in AC Three-phase AC-3220/230V 380/440VKWSingle-phase AC-3110V 380/440VKW2Three-phase AC-3110V 380/440VKW2Three-phase AC23A220/230V 380/440VKW4220/230VKW4380/440V4220/230VKW4380/440V4X20XW4380/440V4X20XW15380/440V4X20XW15380/440V4X20XW2380/440V4X <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
Mounting form U11 - Front mounting with black handle without front plate for hole diam. Rated insulation voltage Ui IEC/EN V 480 Rated insulation voltage Ui IEC/EN V 480 Conventional free air thermal current Ith IEC/EN V 40 Conventional roltage V 4 40 Conventional impulse voltage V 4 40 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 20 15kA A 20 Rated operational impulse voltage kV 4 4 4 Conductivity 10kA A 20 15kA A 20 Rated operational current le IEC/EN 10/5 mA/V 4 4 4 4 Querational current le IEC/EN A 20 4 4 4 4 Conductivity 10/5 mA/V 10/5 mA/V 4 4 4 4 AC15 110/V A 10 220/230V					
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25kA A 20 Rated short time current lcw 1s A 250 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN A 20 AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power in AC 110V KW 3 380/440V kW 5 Single-phase AC-3 110V kW 3 380/440V kW 2 Three-phase AC-3 110V kW 0.5 220/230V kW 2 Three-phase AC-3 110V kW 2 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V 4 380/440V kW 2 380/440V kW 2 Three-phase AC23A 110V KW 4 380/440V 380/440V 2 Single-phase AC23A 110V					
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380/400V Å 6 Rated operational power 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 1.5 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 4 380/440V kW 4 380/440V kW 2 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2					
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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 110V kW 0.75 220/230V kW 2	rated operational pe				
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220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2			380/440V	KVV	2
380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 2		mree-phase AC23A	220/2201/	۲/W	1
Single-phase AC23A 110V kW 0.75 220/230V kW 2					
110V kW 0.75 220/230V kW 2		Single-phase AC23A	000/7701	12.0.0	1.0
220/230V kW 2			110V	kW	0.75
380/440V kW 2.5					
			380/440V	kW	2.5

Rated operational current in DC

GF2052U11

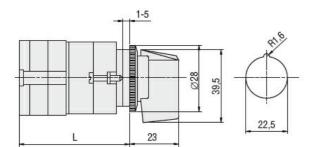


GF2052U11 ROTARY CAM SWITCH GF SERIES, CHANGEOVER SWITCH 2 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

	DC21A			
	DOZIA	48V	А	20
		40V 60V	A	20
		110V	A	4
		220V	A	4 0.7
		220V 440V		0.2
	D012	440 V	A	0.2
	DC13	0.417		0
		24V	A	6
		48V	A	6
		60V	Α	3
		110V	Α	1
		220V	A	0.4
		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for te	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	Max	////0	12
	AWG - LIEXIDIE CADIE	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable		2	o =
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1x10 ⁶
UL technical data				
Motor power for direct	-on-line control			
	for three-phase motor			
		240V	HP	3
	for single-phase motor			
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature		-	
		min	°C	-40
		max	°C	+70
Resistance & Protection	on		0	
				IP40
Frontal IP degree				
Terminals IP degree				IP20
Dimensions				

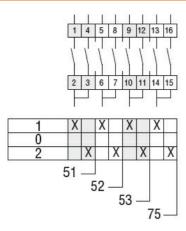


GF2052U11 ROTARY CAM SWITCH GF SERIES, CHANGEOVER SWITCH 2 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING



Carias	L			
Series	1	2	3	8
GF20	54.5	68	81.5	203

Wiring diagrams



Certifications and cor	mpliance	
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		
		EC001020

ETIM 8.0

EC001029 -Selector switch, complete

GF2052U11