



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

Product designation				Rotary cam switches
Product type designation General characteristics				GF20
Switching diagram				52 - Changeover switch 2 poles
N° of elements				2
Mounting form				U11 - Front mounting with black handle without front plate for hole diam. 22mm fixing
Contact characteristics				
Rated insulation voltage Ui		IEC/EN UL/CSA	V V	480 240
Rated impulse withstand vo	<u> </u>		kV	4
Conventional free air therm	al current Ith	IEC/EN UL/CSA	A	20 15
Rated operational voltage		UL/CSA	A V	480
Rated operational impulse	voltage		kV	4
Maximum fuse size for sho				<u> </u>
		10kA 15kA	A A A	20 20
Rated short time current Ic	AA.	25kA	A	20
Nated Short time current to	vv	1s	kA	250
Conductivity				10/5 mA/V
Operational current le IEC/	EN			
AC	C1/AC21A		Α	20
AC	C15			
		110V	Α	10
		220/230V	Α	8
Date Language and a series		380/400V	Α	6
Rated operational power in				
ın	ree-phase AC-3	220/230V	kW	3
		380/440V	kW	5
Sir	ngle-phase AC-3	333, 1.0 V		
-	.	110V	kW	0.5
		220/230V	kW	1.5
		380/440V	kW	2
Th	ree-phase AC23A			
		220/230V	kW	4
0:-	agle phase AC22A	380/440V	kW	7.5
Sir	ngle-phase AC23A	110V	kW	0.75
		220/230V	kW	2
Rated operational current in	n DC C21A	380/440V	kW	2.5
	<i>7</i> ∠1 <i>⊓</i>			



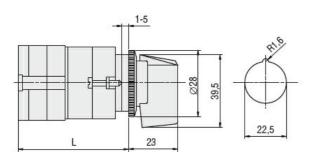


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ABV					
110V			48V	Α	20
Part					
Mechanical life					
DC13					
A			440V	A	0.2
ABV		DC13			
Conductor size (IEC) - Flexible cable Max					
110V					
Power dissipation					
Mechanical features					
Power dissipation W					
Mechanical features	Danier dia sin ation		4407		
Terminals screw M3 Tightening torque for terminals max Nm 0.5 Conductor size AWG - Rigid cable min AWG 20 Max AWG 12 Max AWG 12 AWG - Flexible cable min AWG 20 Max AWG 12 Conductor size (IEC) - Flexible cable min mm² 2.5 0.5 Max 0.5 0.5 Max 0.5 0.5 0.5 0.5 0.5				VV	0.8
AWG - Rigid cable					MO
AWG - Rigid cable	-	Parminala may		Nlm	
AWG - Rigid cable min AWG 20 Max AWG 12 AWG - Flexible cable min AWG 20 Max AWG 12 AWG - Flexible cable min AWG 20 Max AWG 12 AWG AWG 12 AWG		erminais max		INITI	0.5
AWG - Flexible cable	Conductor size	AMC Digid poble			
AWG - Flexible cable		AWG - Rigid cable		A1A/C	20
AWG - Flexible cable					
Max AWG 12		AMC Florible cable	IVIAX	AWG	12
Max AWG 12 Conductor size (IEC) - Flexible cable min mm² 0.5 Max mm² 2.5 Max		AVVG - Flexible cable	min	A1A/C	20
Conductor size (IEC) - Flexible cable					
Max mm² 0.5 Max mm² 2.5		Conductor size (IEC) Flevible coble	IVIAX	AVVG	12
Max mm² 2.5		Conductor size (IEC) - Flexible cable	min	mama ²	0 F
Conductor size (IEC) - Rigid cable					
Max min mm² 0.5 Max mm² 2.5		Conductor size (IEC) - Digid coble	IVIAX	111111	2.0
Mechanical life cycles 1x10° 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 Frontal IP degree IP40 Terminals IP degree IP20		Conductor size (IEC) - Rigid cable	min	mm²	0.5
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Wotor power for direct-on-line control	Machanical life		IVICA		
Motor power for direct-on-line control for three-phase motor 240V HP 3 for single-phase motor 240V HP 1 Ambient conditions Temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70 Resistance & Protection IP40 Terminals IP degree IP20				Cycles	12.10
for three-phase motor 240V HP 3 for single-phase motor 240V HP 1 Ambient conditions Temperature Min °C -25 max °C +55 Storage temperature Min °C -40 max °C +70 Resistance & Protection Frontal IP degree IP40 Terminals IP degree IP20		t-on-line control			
240V HP 3	wotor power for all col				
Terminals IP degree IP40 Terminals IP degree IP40 I IP40 I I I I I I I I I		for three phase motor	240V	HP	3
Ambient conditions		for single-phase motor	2101		
Ambient conditions		Tor oring to pridoo motor	240V	HP	1
Operating temperature	Ambient conditions				
Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70 Resistance & Protection Frontal IP degree IP40 Terminals IP degree IP20					
min °C -25 max °C +55 Storage temperature min °C -40 max °C +70 Resistance & Protection		Operating temperature			
max °C +55		charamia ambarama	min	°C	-25
Storage temperature min °C -40 max °C +70 Resistance & Protection Frontal IP degree Terminals IP degree IP40 IP20					
min °C -40 max °C +70		Storage temperature		-	
Resistance & Protection Frontal IP degree Terminals IP degree IP40 IP20			min	°C	-40
Resistance & Protection Frontal IP degree IP40 Terminals IP degree IP20					
Frontal IP degree IP40 Terminals IP degree IP20	Resistance & Protecti	on			
Terminals IP degree IP20					IP40

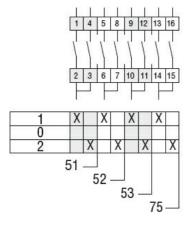


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Series	L			
	1	2	3	8
GF20	54.5	68	81.5	203

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