

ENERGY AND AUTOMATION

ROTARY CAM SWITCH GF SERIES, CHANGEOVER SWITCH WITHOUT 0, 3 POLES 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product designation Product type designation General characteristics Switching diagram N° of elements			switches GF20 56 - Changeover switch without 0 3 poles
General characteristics Switching diagram			56 - Changeover switch without 0 3
Switching diagram			switch without 0 3
N° of elements			
			3
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	20 15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA 15kA 25kA	A A	20 20 20
Rated short time current lcw	25KA	Α	20
Nated Short time current low	1s	Α	250
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A		A	20
AC15			
	110V 220/230V 380/400V	A A A	10 8 6
Rated operational power in AC	300/400 V		
Three-phase AC-3	220/230V	kW	3
Single-phase AC-3	380/440V	kW	5
Single-phase AC-3	110V 220/230V	kW kW	0.5 1.5
Three phase ACCOA	380/440V	kW	2
Three-phase AC23A	220/230V 380/440V	kW kW	4 7.5
Single-phase AC23A			
V 1	110V 220/230V	kW kW	0.75 2
Rated operational current in DC	380/440V	kW	2.5

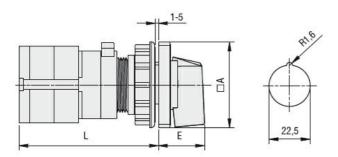


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	70011			
	DC21A	40)/	^	00
		48V	A	20
		60V 110V	A	20
		220V	A	4
		440V	A	0.7
	DC13	440 V	A	0.2
	DC13	24V	۸	C
		48V	A A	6 6
		60V	A	3
		110V	A	1
		220V	A	0.4
		440V	A	0.4
Power dissipation		440 V		0.8
Mechanical features			VV	0.0
Terminals screw				M3
Tightening torque for to	orminals may		Nm	0.5
Conductor size	enninais max		INIII	0.0
Conductor SIZE	AWG - Rigid cable			
	AWG - Nigiti Cable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVIAX	AVVG	12
	AWG - Flexible cable	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIAX	AWG	12
	Conductor Size (IEC) - Flexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVIAX	111111	2.3
	Conductor size (IEC) - Rigid Cable	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVICA	cycles	1x10 ⁶
UL technical data			Cycles	1210
Motor power for direct-	-on-line control			
wotor power for direct	for three-phase motor			
	for three phase motor	240V	HP	3
	for single-phase motor	2401	- ' ''	
	tor origin pridos motor	240V	HP	1
Ambient conditions		2101		
Temperature				
	Operating 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				· — •

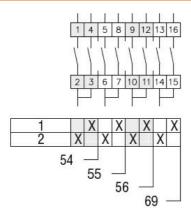
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Series	Dimensions		L			
	□A	Е	1	2	3	8
GF10	30	18.5	60	72	84	144
GF20	48	26.5	56	69.5	83	150.5

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