

ROTARY CAM SWITCH GF SERIES, MULTI-STEP 1-2-3, 3 POLES 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Draduat designation			Rotary cam
Product designation			switches
Product type designation General characteristics			GF20
Switching diagram			93 - Multi-step 1- 2-3 3 poles
N° of elements			5
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	Α	20
	15kA	Α	20
	25kA	Α	20
Rated short time current Icw	1s	kA	250
Conductivity	15	NA.	10/5 mA/V
Operational current le IEC/EN			10/0 111/ 0 0
AC1/AC21A		Α	20
AC15			20
7.010	110V	Α	10
	220/230V	Α	8
	380/400V	Α	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 380/440V	kW kW	1.5 2
Three-phase AC23A	300/440 V	N V V	
THISO PHOSO NOZON	220/230V	kW	4
	380/440V	kW	7.5
Single-phase AC23A			
	110V	kW	0.75
	220/230V	kW	2
	380/440V	kW	2.5
Rated operational current in DC			
DC21A	48V	٨	20
	40 V	A	۷0



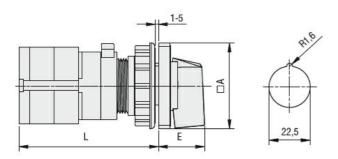


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		60V	Α	20
		110V	Α	4
		220V	Α	0.7
		440V	Α	0.2
	DC13			
		24V	Α	6
		48V	Α	6
		60V	Α	3
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for to	erminals max		Nm	0.5
Conductor size	ommaio max			
Conductor GIZO	AWG - Rigid cable			
	7.VVO Trigid duble	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVICA	7,110	12
	AVVO - I lexible cable	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIAX	AVVG	12
	Conductor Size (IEC) - Flexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) Digid coble	IVIAX	111111	2.5
	Conductor size (IEC) - Rigid cable		2	0.5
		min Mov	mm²	0.5
Marshautier Life		Max	mm²	2.5
Mechanical life			cycles	1x10 ⁶
UL technical data	and Programmed and			
Motor power for direct				
	for three-phase motor	0.40\/		
		240V	HP	3
	for single-phase motor	0.4017		
A 1.1 A 11.1		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			
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				

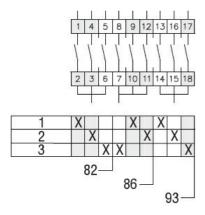
ENERGY AND AUTOMATION

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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