

ROTARY CAM SWITCH GF SERIES, MULTI-STEP 0-1-2-3, 1 POLE 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Due do est ale ei eurotie e				Rotary cam
Product designation				switches
Product type designation General characteristics				GF20
Switching diagram				108 - Multi-step 0-1-2-3 1 pole
N° of elements				2
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	e Uimp		kV	4
Conventional free air thermal cu				
		IEC/EN UL/CSA	A A	20 15
Rated operational voltage			V	480
Rated operational impulse volta	_		kV	4
Maximum fuse size for short-cire	cuit protection In (gG)	10kA	Α	20
		15kA	Α	20
B		25kA	A	20
Rated short time current Icw		1s	kA	250
Conductivity		13	N/A	10/5 mA/V
Operational current le IEC/EN				
AC1/AC	C21A		А	20
AC15				
		110V	Α	10
		220/230V	Α	8
		380/400V	Α	6
Rated operational power in AC Three-p	phase AC-3			
		220/230V	kW	3
Single	ahaaa AC 2	380/440V	kW	5
Single-	phase AC-3	110V	kW	0.5
		220/230V	kW	1.5
		380/440V	kW	2
Three-p	phase AC23A			_
		220/230V	kW	4
		380/440V	kW	7.5
Single-	phase AC23A	44017	12///	0.75
		110V 220/230V	kW kW	0.75 2
		380/440V	kW	2.5
Rated operational current in DC		230, 110 V		
DC21A				
		48V	Α	20



ENERGY AND AUTOMATION

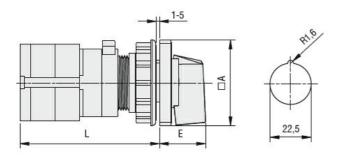
ROTARY CAM SWITCH GF SERIES, MULTI-STEP 0-1-2-3, 1 POLE 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

		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 t	terminals max		Nm	0.5
Conductor size				
00.10.0.0.0.	AWG - Rigid cable			
	7.VVO Trigid dable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	Wick	7,1110	12
	AVVO T TEXABLE GABIE	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVICA	700	12
	Conductor Size (IEC) - Flexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) Digid coble	IVIdX	ШШ	2.5
	Conductor size (IEC) - Rigid cable	min	mm²	0 F
		min Max	mm²	0.5 2.5
Mechanical life		IVIdX		
UL technical data			cycles	1x10 ⁶
	t on line control			
Motor power for direct				
	for three-phase motor	0.40\/	LID	0
	for all all all and wanter	240V	HP	3
	for single-phase motor	0.4017	ш	4
A male to make a small till a ma		240V	HP	1
Ambient conditions				
Temperature	Out of the terms of			
	Operating temperature		2.2	0.5
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on			
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				



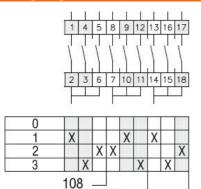
ENERGY AND AUTOMATION

ROTARY CAM SWITCH GF SERIES, MULTI-STEP 0-1-2-3, 1 POLE 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM



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



124

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

136

EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete