ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 1 POLE 20A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM



Product designation			Rotary cam
•			switches
Product type designation General characteristics			GF20
			90 - ON/OFF
Switching diagram			switch 1 pole
N° of elements			1
			O - Rear
Mounting form			mounting with black handle
Contact characteristics			black flaffule
Rated insulation voltage Ui			
· ·	IEC/EN	V	480
	UL/CSA	V	240
Rated impulse withstand voltage Uimp		kV	4
Conventional free air thermal current Ith			
	IEC/EN	Α	20
Detail or costing all college	UL/CSA	A V	15
Rated operational voltage		v kV	480
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG)		KV	4
Maximum ruse size for short-circuit protection in (90)	10kA	Α	20
	15kA	Α	20
	25kA	Α	20
Rated short time current lcw			
	1s	Α	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		•	00
AC15		A	20
ACTS	110V	Α	10
	220/230V	A	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	4401	1384	0.5
	110V	kW	0.5
	220/230V 380/440V	kW kW	1.5 2
Three-phase AC23A	300/4401	T. V V	
THICO PHASE NOZON	220/230V	kW	4
	380/440V	kW	7.5
Single-phase AC23A			

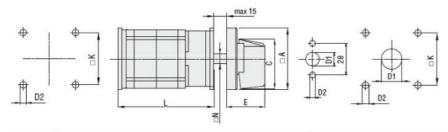


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		110V	kW	0.75
		220/230V	kW	2
		380/440V	kW	2.5
Data dan anational aun	ment in DO	300/440 V	N V V	2.5
Rated operational cur				
	DC21A			
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	Α	0.7
		440V		0.2
		440 V	Α	0.2
	DC13			
		24V	Α	6
		48V	Α	6
		60V	Α	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	terminals may		Nm	0.5
	terminais max		1 1111	0.0
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
	71100 T TONIBLE GUBIC	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
	Conductor Size (IEO) Trigia cabic	min	mm²	0.5
		min	mm²	0.5
_		Max	mm²	2.5
Mechanical life			cycles	1x10 ⁶
UL technical data				
Motor power for direc	t-on-line control			
politici foi alloo	for three-phase motor			
	ioi ililee-pilase motoi	0.40\/	D	0
		240V	HP	3
	for single-phase motor			
		240V	HP	1
Ambient conditions				
Temperature				
romporaturo	Operating temperature			
	Operating temperature	_	0	-
		min	°C	-25
		max	°C	+55
	Storage temperature			
	5 ,	min	°C	-40
			°C	+70
D 11 0 D 1		max	U	T/U
Resistance & Protect	ion			
Frontal IP degree	ion			IP40
	ion			IP40 IP20
Frontal IP degree	ion 			

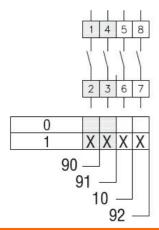
ENERGY AND AUTOMATION

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Series	Dimensions						L Number of elements												
	□A	С	ØD1	ØD2	E	□K	N	1	2	3	4	5	6	7	8	9	10	11	12
GF20	48	39.5	12	5	26.5	36	□6	46	59.5	73	86.5	100	113.5	127	140.5	154	167.5	181	194.5

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