

ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 3 POLES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM



Product designation			Rotary cam
			switches
Product type designation General characteristics			GF20
			10 - ON/OFF
Switching diagram			switch 3 poles
N° of elements			2
			O48 - Modular
Mounting form			service cover for 35mm din rail
Mounting form			mounting with
			black handle
Contact characteristics			
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	A	20
Dated an autienal value as	UL/CSA	A	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 (go)	10kA	Α	20
	15kA	A	20
	25kA	A	20
Rated short time current Icw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	20
AC15			
	110V	Α	10
	220/230V	A	8
Detect energianal neuron in AC	380/400V	A	6
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	3
	380/440V	kW	5
Single-phase AC-3	330, 110 V		
5g.s p.1.000 / 10 0	110V	kW	0.5
	220/230V	kW	1.5
	380/440V	kW	2
Three-phase AC23A			
	220/230V	kW	4



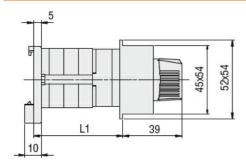
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		380/440V	kW	7.5
	Single-phase AC23A	300/4401	IX V V	7.0
	Chilgie phase / (025/1	110V	kW	0.75
		220/230V	kW	2
		380/440V	kW	2.5
Rated operational curr	rent in DC			
·	DC21A			
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	Α	0.7
		440V	Α	0.2
	DC13			
		24V	Α	6
		48V	Α	6
		60V	Α	3
		110V	Α	1
		220V	Α	0.4
		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				140
Terminals screw				M3
Tightening torque for t	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable		414/0	00
		min	AWG	20
	AWO 51 31 11	Max	AWG	12
	AWG - Flexible cable		414/0	00
		min	AWG	20
	O I (/IFO) Fig. 11 I	Max	AWG	12
	Conductor size (IEC) - Flexible cable	•.		0.5
		min	mm²	0.5
	Conductor size (IEC) Divid coble	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	min	mm²	0 F
		min Max	mm²	0.5 2.5
Mechanical life		IVIAX		1x10 ⁶
UL technical data			cycles	IXIU
Motor power for direct	t-on-line control			
Motor power for difect	for three-phase motor			
	ioi ando phado motor	240V	HP	3
	for single-phase motor	Z+0 V	111	
	ioi singio phase motor	240V	HP	1
Ambient conditions		Z-70 V	1 11	·
Temperature				
Tomporataro	Operating temperature			
	opolating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	HUA		
	Storago temperaturo	min	°C	-40
		max	°C	+70
Resistance & Protecti	on	max		
- rooiotarioo a i Totocti				
Frontal IP degree				IP40
Frontal IP degree Terminals IP degree				IP40 IP20

ENERGY AND AUTOMATION

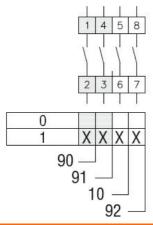
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Dimensions



Corios	L1			
Series	1	2	3	
GF20	40	53.5	67	

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