

ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 1 POLE 20A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING



			100
Draduat designation			Rotary cam
Product designation			switches
Product type designation			GF20
General characteristics			00 ON/OFF
Switching diagram			90 - ON/OFF switch 1 pole
N° of elements			1
			U12 - Front
			mounting without
Mounting form			front plate with
			key operation for hole diam. 22mm
			fixing
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	150/5N		
	IEC/EN UL/CSA	A A	20 15
Rated operational voltage	UL/CSA		480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		100	· ·
(90)	10kA	Α	20
	15kA	Α	20
	25kA	Α	20
Rated short time current lcw			
	1s	A	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		۸	20
AC15		Α	20
7010	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	4401	1-147	0.5
	110V	kW	0.5
	220/230V 380/440V	kW kW	1.5 2
Three-phase AC23A	300/440 V	IV V V	



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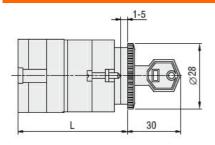
		220/230V	kW	4
		380/440V	kW	7.5
	Single-phase AC23A			
	3 1 333 3 3	110V	kW	0.75
		220/230V	kW	2
		380/440V	kW	2.5
Rated operational c	urrent in DC	300/440 V	IXVV	2.0
Kaled Operational C				
	DC21A	40) /		00
		48V	A	20
		60V	Α	20
		110V	Α	4
		220V	Α	0.7
		440V	Α	0.2
	DC13			
		24V	Α	6
		48V	A	6
		60V	A	3
		110V	A	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.8
Mechanical features	3			
Terminals screw				M3
Tightening torque for	r terminals max		Nm	0.5
Conductor size	T CITIII alo Tilax		14111	0.0
Conductor Size	AVAC Dividentle			
	AWG - Rigid cable	_		
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
	Conductor Size (IEC) Trexible duble	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable		_	
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1x10 ⁶
UL technical data				
Motor power for dire	ect-on-line control			
,	for three-phase motor			
	ioi ando phado motor	240V	HP	3
	for single phase meta-	2401	LIF	<u> </u>
	for single-phase motor	2.421		4
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
	•	min	°C	-25
		max	°C	+55
	Storage temperature	···an		
	Storago temperature	min	°C	-40
		min		
Desistance & Desis	attan.	max	°C	+70
Resistance & Prote	ction			
Frontal IP degree				IP40

ENERGY AND AUTOMATION

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Terminals IP degree IP20

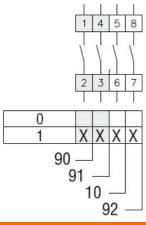
Dimensions





Series	L			
	1	2	3	8
GF20	54.5	68	81.5	149

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