

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

				Rotary cam
Product designation				switches
Product type designat				GF20
General characteristic	S			05 01/055
Switching diagram				05 - ON/OFF switch 1 pole
N° of elements				1
Mounting form				U12 - Front mounting without front plate with key operation for hole diam. 22mm fixing
Contact characteristics Rated insulation voltage				
		IEC/EN UL/CSA	V V	480 240
Rated impulse withsta			kV	4
Conventional free air t	hermal current Ith	IEC/EN UL/CSA	A A	20 15
Rated operational volt	ane	UL/CSA		480
Rated operational imp			kV	4
	r short-circuit protection In (gG)			<u> </u>
		10kA 15kA	A A	20 20
Rated short time curre	ant low	25kA	A	20
Rated short time curre	ent icw	1s	kA	250
Conductivity		10	10.1	10/5 mA/V
Operational current le	IEC/EN			
·	AC1/AC21A		Α	20
	AC15			
		110V	Α	10
		220/230V	A	8
Rated operational pow	ver in AC	380/400V	Α	6
rated operational pow	Three-phase AC-3			
	, and provide the control of	220/230V	kW	3
		380/440V	kW	5
	Single-phase AC-3			
		110V	kW	0.5
		220/230V	kW	1.5
	Three-phase AC23A	380/440V	kW	2
	Tillee-pilase AO23A	220/230V	kW	4
		380/440V	kW	7.5
	Single-phase AC23A	-		
		110V	kW	0.75
		220/230V	kW	2
Datad an aretic relie	cont in DC	380/440V	kW	2.5
Rated operational curr	DC21A			
	DOZIA			



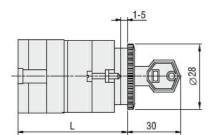


# ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 1 POLE 20A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

		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	Α	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for	terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	<b>G</b>	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
	001100001 0120 (120) 1 10/10/10 00010	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
	Conductor GIEC (IEC) Trigid Capie	min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1x10 <sup>6</sup>
UL technical data			Oy 0100	17.10
Motor power for direct	t-on-line control			
motor power for all co	for three-phase motor			
	for three phase motor	240V	HP	3
	for single-phase motor	Z-10 V	1 11	
	ioi single-phase motor	240V	HP	1
Ambient conditions		240 V	1 11	'
Temperature				
remperature	Operating temperature			
	Operating temperature	min	°C	-25
			°C	
	Storage temperature	max	<u> </u>	+55
	Storage temperature		°C	40
		min	°C	-40 - 70
Desire and Desired		max	°C	+70
Resistance & Protect	lon			ID 40
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				

**ENERGY AND AUTOMATION** 

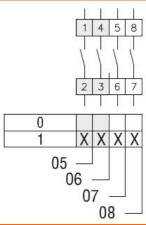
### ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 1 POLE 20A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING





Series	L			
Series	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