ROTARY CAM SWITCH GF SERIES, ON-OFF SPRING RETURN SWITCH 3 POLES 20A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING



			4
Draduat decignation			Rotary cam
Product designation			switches
Product type designation			GF20
General characteristics			00 ON/OFF
Switching diagram			03 - ON/OFF spring return
Ownering diagram			switch 3 poles
N° of elements			2
			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			
	IEC/EN	Α	20
5.1.	UL/CSA	A	15
Rated operational voltage		V	480
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG)		kV	4
Maximum ruse size for short-circuit protection in (gG)	10kA	Α	20
	15kA	A	20
	25kA	Α	20
Rated short time current Icw	<u>-</u>		
	1s	Α	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		A	20
AC15	4.40).4		
	110V	A	10
	220/230V 380/400V	A A	8 6
Rated operational power in AC	300/400 V		0
Three-phase AC-3			
THISS PHASE NO C	220/230V	kW	3
	380/440V	kW	5
Single-phase AC-3			
	110V	kW	0.5
	220/230V	kW	1.5
	380/440V	kW	2





ROTARY CAM SWITCH GF SERIES, ON-OFF SPRING RETURN SWITCH 3 POLES 20A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

				_
	Three-phase AC23A			
	111100 pridoo 7102071	220/230V	kW	4
		380/440V	kW	7.5
	Single-phase AC23A	000/440 V	1000	7.0
	Single-priase AC23A	110\/	LAAA	0.75
		110V	kW	0.75
		220/230V	kW	2
		380/440V	kW	2.5
Rated operational cu				
	DC21A			
		48V	Α	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		1
			A	
		220V	A	0.4
		440V	A	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			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVICA	AWO	12
	AVVG - Flexible cable	min	A1A/C	20
		min	AWG	20
	0 1 1 (150) 51 111	Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		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 direc	ct-on-line control			
in a position and	for three-phase motor			
	ioi ando pilado motor	240V	HP	3
	for single phase meter	2401	1 115	<u> </u>
	for single-phase motor	0.4017	וור	4
Amphinist condition		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
	•	min	°C	-40
		max	°C	+70
Resistance & Protect	tion	· · · · · · · · · · · · · · · · · · ·		
resistance a i lotec				

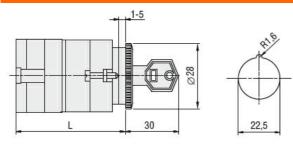


ENERGY AND AUTOMATION

ROTARY CAM SWITCH GF SERIES, ON-OFF SPRING RETURN SWITCH 3 POLES 20A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

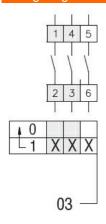
Frontal IP degree IP40
Terminals IP degree IP20

Dimensions



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