

ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 3 POLES 20A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 48X48MM



Decide at decision attack		Rotary cam
Product designation		switches
Product type designation		GF20
General characteristics		10 - ON/OFF
Switching diagram		switch 3 poles
N° of elements		2
Mounting form Contact characteristics		O88 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Rated insulation voltage Ui		
IEC/EN UL/CSA	V V	480 240
Rated impulse withstand voltage Uimp	kV	4
Conventional free air thermal current Ith		
IEC/EN	Α	20
UL/CSA	A V	15
Rated operational voltage Rated operational impulse voltage	kV	480
Maximum fuse size for short-circuit protection In (gG)	IX V	
10kA	Α	20
15kA	Α	20
25kA	Α	20
Rated short time current lcw		0.50
Conductivity.	kA	250 10/5 mA/V
Conductivity Operational current le IEC/EN		10/5 IIIA/ V
AC1/AC21A		
	Α	20
AC15		
110V	A	10
220/230V 380/400V	A A	8 6
Rated operational power in AC	Α	0
Three-phase AC-3		
220/230V	kW	3
380/440V	kW	5
Single-phase AC-3	1 1 4 7	0.5
110V 220/230V	kW kW	0.5 1.5
380/440V	kW	2





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Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 7.					
		Three-phase AC23A			
Single-phase AC23A 110V		•	220/230V	kW	4
Single-phase AC23A					
110V kW 0.75 220/230V kW 2.5 220/230V kW 2		Single-phase AC23A		·•	<u>-</u>
Rated operational current in DC DC21A		gio pilado / 1020/1	110\/	kW	0.75
Rated operational current in DC					
Rated operational current in DC DC21A 48V					
DC21A	Rated operational curre	ant in DC	300/440 V	17.4.4	
A B W	ivaled operational curre				
Marchanical lestures		DC21A	401/	۸	20
110V					
Max Max					
Materials Mate					
DC13					
Recommendation		-	440V	A	0.2
A 6 60		DC13			
Conductor size (IEC) - Flexible cable					
110V					
Power dissipation					
Mechanical features				Α	
Power dissipation W 0.8			220V	Α	0.4
Mechanical features M3 Tightening torque for terminals max Nm 0.5			440V	Α	0.15
Mechanical features M3 Tightening torque for terminals max Nm 0.5	Power dissipation			W	0.8
Tightening torque for terminals max					
AWG - Rigid cable	Terminals screw				M3
AWG - Rigid cable	Tightening torque for te	erminals max		Nm	0.5
AWG - Rigid cable min					
Max		AWG - Rigid cable			
AWG - Flexible cable		, c	min	AWG	20
AWG - Flexible cable min					
Max AWG 20 Max AWG 12		AWG - Flexible cable	· · · · · · · · · · · · · · · · · · ·	7,1110	
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 Conductor size (IEC) - Rigid cable min mm² 0.5 Max mm² 2.5		7.WG TICKIDIC GUDIC	min	ΔWG	20
Conductor size (IEC) - Flexible cable					
Max mm² 0.5 Max mm² 2.5		Conductor size (IEC) - Flexible cable	IVIAX	7,110	12
Max mm² 2.5		Conductor Size (ILO) - Flexible Cable	min	mm²	0.5
Conductor size (IEC) - Rigid cable					
Max min mm² 0.5 Max mm² 2.5		Conductor size (IEC) District sales	iviax	1111117	۷.۵
Mechanical life cycles 1x10° UL technical data Motor power for direct-on-line control for three-phase motor 240V HP 3 for single-phase motor 240V HP 1 Ambient conditions Temperature Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70		Conductor size (IEC) - Rigia cable	•	na na 2	0.5
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Motor power for direct-on-line control	Maril and 187		IVIAX		
Motor power for direct-on-line control for three-phase motor 240V HP 3 for single-phase motor 240V HP 1 Ambient conditions Temperature Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70				cycles	1X1U°
for three-phase motor 240V HP 3 for single-phase motor 240V HP 1 Ambient conditions Temperature Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70					
240V HP 3	Motor power for direct-				
for single-phase motor 240V HP 1 Ambient conditions Temperature Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70		tor three-phase motor		–	_
Ambient conditions			240V	HP	3
Ambient conditions Temperature Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70		for single-phase motor			
Operating temperature			240V	HP	1
Operating temperature min °C -25 max °C +55 Storage temperature min °C -40 max °C +70					
min °C -25 max °C +55 Storage temperature min °C -40 max °C +70	Temperature				
		Operating temperature			
Storage temperature min °C -40 max °C +70			min		-25
min °C -40 max °C +70			max	°C	+55
max °C +70		Storage temperature		<u> </u>	
			min	°C	-40
Resistance & Protection			max	°C	+70
	Resistance & Protectio	n			

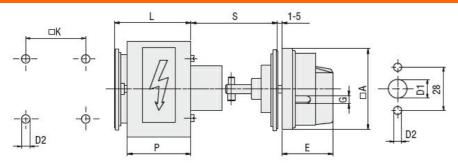


ENERGY AND AUTOMATION

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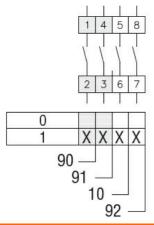
Frontal IP degree IP40
Terminals IP degree IP20

Dimensions



Series -		Dimensions						L			
	□A	D1	D2	Е	G	□K	S	1	2	3	12
GF20	48	12	5	34.2	5	36	45-55	46	59.5	73	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