

ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 1 POLE 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
Switching diagram			05 - ON/OFF switch 1 pole
N° of elements			1
Mounting form			O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristics Rated insulation voltage Ui			
Rated Insulation voltage of	IEC/EN UL/CSA	V V	480 240
Rated impulse withstand voltage Uimp		kV	4
Conventional free air thermal current Ith			
	IEC/EN UL/CSA	A A	20 15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	Α	20
	15kA	Α	20
	25kA	Α	20
Rated short time current Icw			050
One desett it.	1s	kA	250
Conductivity Operational current le IEC/EN			10/5 mA/V
AC1/AC21A			
A01/A021A		Α	20
AC15			
	110V	A	10
	220/230V 380/400V	A A	8 6
Rated operational power in AC	380/4007	A	0
Three-phase AC-3			
	220/230V	kW	3
	380/440V	kW	5
Single-phase AC-3	440)/	1-147	0.5
	110V 220/230V	kW kW	0.5 1.5
	380/440V	kW	2
Three-phase AC23A	330/440 V	1000	
55 p550 / (525/)	220/230V	kW	4
	380/440V	kW	7.5
Single-phase AC23A			
	110V	kW	0.75
	220/230V	kW	2
Pated operational current in DC	380/440V	kW	2.5
Rated operational current in DC DC21A			
DOZIA	48V	Α	20
		- •	<u> </u>





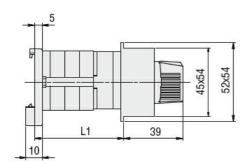
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		60V	Α	20
		110V	Α	4
		220V	Α	0.7
		440V	Α	0.2
	DC13			
		24V	Α	6
		48V	Α	6
		60V	Α	3
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for to	erminals max		Nm	0.5
Conductor size	ommaio max			
Conductor GIZO	AWG - Rigid cable			
	7.VVO Trigid duble	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVICA	7,110	12
	AVVO - I lexible cable	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIAX	AVVG	12
	Conductor Size (IEC) - Flexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) Digid coble	IVIAX	111111	2.5
	Conductor size (IEC) - Rigid cable		2	0.5
		min Mov	mm²	0.5
Marshautier Life		Max	mm²	2.5
Mechanical life			cycles	1x10 ⁶
UL technical data	and Programmed and			
Motor power for direct				
	for three-phase motor	0.40\/		
		240V	HP	3
	for single-phase motor	0.4017		
A 1.1 A 11.1		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection	on			
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				



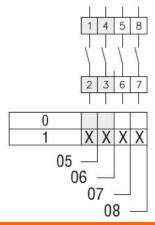
ENERGY AND AUTOMATION

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Carios	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