

ROTARY CAM SWITCH GF SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 10A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 30X30MM

Product designation			Rotary cam
Product type designation			switches GF10
General characteristics			01 10
Switching diagram			25 - 1-phase motor reversing switch with spring return
N° of elements			2
Mounting form			U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics			
Rated insulation voltage Ui  Rated impulse withstand voltage Uimp	IEC/EN UL/CSA	V V kV	480 240 4
Conventional free air thermal current Ith		KV	4
Conventional nee all thermal current tur	IEC/EN UL/CSA	A A	10 10
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	Α	16
Rated short time current lcw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		Α	10
AC15	440)/		_
	110V	A	5
	220/230V 380/400V	A A	3 2
Rated operational power in AC	360/400 V	Α	
Three-phase AC-3			
The second of	220/230V	kW	1.5
	380/440V	kW	2.2
Single-phase AC-3			
	110V	kW	0.3
	220/230V	kW	0.55
	380/440V	kW	0.75
Three-phase AC23A			
	220/230V	kW	1.8
Circula al ana ACCOA	380/440V	kW	3
Single-phase AC23A	110V	kW	0.7
	220/230V	kW	0.75
	380/440V	kW	1.1
Rated operational current in DC	223, 1107		
DC21A			
	48V	Α	10





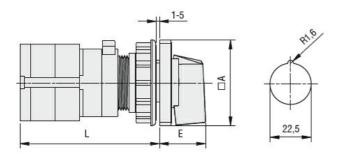
ROTARY CAM SWITCH GF SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 10A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 30X30MM

		60V	Α	7
		110V	Α	2
		220V	Α	0.7
		440V	Α	0.2
	DC13			
		24V	Α	3
		48V	Α	3
		60V	Α	2
		110V	Α	1
		220V	Α	0.3
		440V	Α	0.1
Power dissipation	_		W	0.4
Mechanical features				
Terminals screw				2.5M
Tightening torque for to	erminals max		Nm	0.4
Conductor size	Similar max			
Conductor GIZO	AWG - Rigid cable			
	700 Rigid Gabio	min	AWG	20
		Max	AWG	14
	AWG - Flexible cable	IVIAA	AVVO	
	AVVG - I TEXIDIE CADIE	min	AWG	20
		Max	AWG	14
	Conductor size (IEC) Flevible coble	IVIAX	AWG	14
	Conductor size (IEC) - Flexible cable	min	mama <sup>2</sup>	0 F
		min Max	mm² mm²	0.5 1.5
	Conductor size (IEC) Digid coble	IVIAX	111111	1.3
	Conductor size (IEC) - Rigid cable		2	0.5
		min May	mm²	0.5
Marshautier Life		Max	mm²	1.5
Mechanical life			cycles	1x10 <sup>6</sup>
UL technical data	and Programmed and			
Motor power for direct				
	for three-phase motor	0.4017		
	<del>, , , , , , , , , , , , , , , , , , , </del>	240V	HP	2
	for single-phase motor	0.4017		
A 1.1 A 11.1		240V	HP	0.75
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				



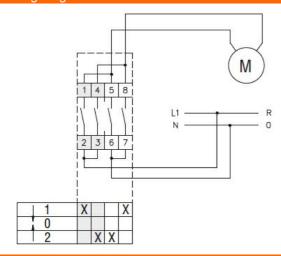
**ENERGY AND AUTOMATION** 

ROTARY CAM SWITCH GF SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 10A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 30X30MM



Series	Dimensions		L			
	□A	Е	1	2	3	8
GF10	30	18.5	60	72	84	144
GF20	48	26.5	56	69.5	83	150.5

## 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