

ROTARY CAM SWITCH GF SERIES, AMMETER SWITCH 10A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 30X30MM

Product designation			Rotary cam
Product type designation			switches GF10
General characteristics			01 10
Switching diagram			97 - Ammeter switch
N° of elements			6
Mounting form			U - Front mounting with black handle
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	IEO/EN	۸	4.0
	IEC/EN UL/CSA	A	10 10
Rated operational voltage	UL/C3A	A V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		IX V	_
Wide Air Table 6126 for Grieff Griedlich Protestion in (go)	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			
	110V	Α	5
	220/230V	A	3
Data descriptional resourcies AC	380/400V	A	2
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	1.5
	380/440V	kW	2.2
Single-phase AC-3	000/ 4 + 0 V	1000	L.L
Single phase / to 0	110V	kW	0.3
	220/230V	kW	0.55
	380/440V	kW	0.75
Three-phase AC23A			
	220/230V	kW	1.8
	380/440V	kW	3
Single-phase AC23A			
	110V	kW	0.7
	220/230V	kW	0.75
Rated operational current in DC	380/440V	kW	1.1
Nateu Oberational Curretti III DC			
DC21A	48\/	Δ	10
	48V 60V	A A	10 7
	48V 60V 110V	A A A	10 7 2

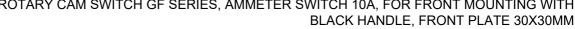


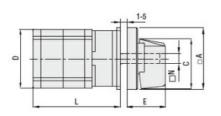
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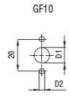
		440V	Α	0.2
	DC13			
		24V	Α	3
		48V	Α	3
		60V	Α	2
		110V	Α	1
		220V	Α	0.3
		440V	Α	0.1
Power dissipation			W	0.4
Mechanical features			**	0.1
Terminals screw				2.5M
Tightening torque for t	erminals may		Nm	0.4
Conductor size	eminais max		INIII	0.4
Conductor Size	ANAO Dinid cable			
	AWG - Rigid cable		414/0	00
		min	AWG	20
		Max	AWG	14
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	1.5
	Conductor size (IEC) - Rigid cable			
	(, 3	min	mm²	0.5
		Max	mm²	1.5
Mechanical life		Wilde	cycles	1x10 ⁶
UL technical data			Oyolos	17.10
Motor power for direct	-on-line control			
wotor power for direct				
	for three-phase motor	0.40\/	LID	0
		240V	HP	2
	for single-phase motor			
		240V	HP	0.75
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on	max		
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				

ENERGY AND AUTOMATION

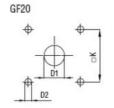
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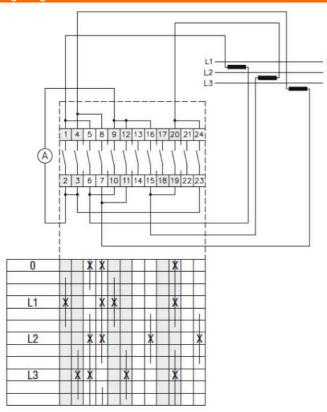


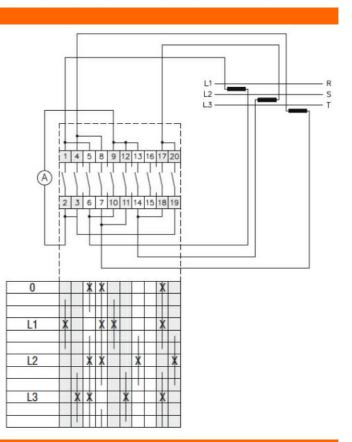


Drillings for 4 screws fixing (4V version).

Corios	Dimensions							L Number of elements												
Series	□A	С	D	ØD1	ØD2	Е	□K	N	1	2	3	4	5	6	7	8	9	10	11	12
GF10	30	24	29	9	3.2	18.5	ı	Ø5	40	52	64	76	88	100	112	124	-	-		-
GF20	48	39.5	36	12	5	26.5	36	□6	44	57.5	71	84.5	98	111.5	125	138.5	152	165.5	179	192.5

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