

ENERGY AND AUTOMATION

Product designation				Rotary cam
Product type designation				switches GN12
General characteristics				GIVIZ
Switching diagram				70
Contact characteristics				
Rated insulation voltage	Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstand voltage Uimp			kV	6
Conventional free air the	rmal current ith	IEO/EN	Δ.	4.0
		IEC/EN UL/CSA	A A	16 15
Rated operational voltage	۵	UL/CSA		480
Maximum fuse size for short-circuit protection In (gG)			V	400
Waxiiiiaiii 1aac aize ioi a	nort arount proteotion in (go)	10kA	Α	16
		25kA	Α	10
Rated short time current	Icw			
		1s	Α	200
Operational current le IEC/EN				
	AC1/AC21A			
			Α	16
	AC15			
		110V	Α	10
		220/230V	A	8
		380/400V 660/690V	A A	4 1.5
Pated operational nower	r in AC	000/0901	A	1.5
Rated operational power in AC Three-phase AC-3				
	Three phase Ao 5	220/230V	kW	2.5
		380/440V	kW	4
		500/690V	kW	5.5
•	Single-phase AC-3			
		110V	kW	0.8
		220/230V	kW	1.5
		380/440V	kW	2.2
	Three-phase AC23A	000/0001	1.3.87	2
		220/230V 380/440V	kW kW	3 5.5
		500/690V	kW	5.5 7.5
-	Single-phase AC23A	300/030 (	17.4.4	1.0
	Cg.o pilaco / 1020/1	110V	kW	0.8
		220/230V	kW	1.7
		380/440V	kW	3
Rated operational current in DC				<del></del> -
	DC21A			
		48V	Α	12
		60V	Α	12
		110V	A	4
		220V	A	0.6
-	DC22A (polos in sorios)	440V	Α	0.25
	DC23A (poles in series)	24V	Α	10 (1)
		Z T V		10 (1)





		48V	Α	10 (2)
				10 (2)
		60V	Α	10 (3)
		110V	Α	5 (3)
		220V	Α	5 (4)
	DC13			
		24V	Α	12
		48V	Α	10
		60V	A	8
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Mechanical features				
Terminals screw				M3
Tightening torque for te	erminals max		Nm	0.5
Conductor size	Similalo max		14111	0.0
Conductor Size	ANACO Bisilisalis			
	AWG - Rigid cable		_	
		min	AWG	20
		Max	AWG	14
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	16
	0 1 ( "50) 5 11	IVIAX	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
	Consider of the (120) Trigital dataset	min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10 <sup>6</sup>
UL technical data				
Motor power for direct-	on-line control			
•	for three-phase motor			
	ioi unos prieso moto.	240V	HP	3
Ambient conditions		2401	- ' ''	
Temperature				
	Operating temperature			
		min	$^{\circ}\mathrm{C}$	-25
		max	°C	+55
	Storage temperature			
	Otorage temperature	min	°C	-40
		max	°C	+70
Resistance & Protection	on			
Frontal IP degree				IP40
Terminals IP degree				IP00
ETIM classification				
==m oldoomodilon				EC001029 -
ETIM 8.0				Selector switch,
□ I IIVI O.U				
				complete