

ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 4 POLES 25A, **electric** FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM

ENERGY AND AUTOMATION FIXING

Product designation				Rotary cam
Product type designation	on			switches 7GN25
General characteristics				7 GIN23
Switching diagram				69 - Changeover switch without 0 4 poles
N° of elements				4
Mounting form  Contact characteristics				U12 - Front mounting without front plate with key operation for hole diam. 22mm fixing
Rated insulation voltag				
		IEC/EN UL/CSA	V V kV	690 600
Rated impulse withstar Conventional free air th			KV	0
Conventional need and	oma caren ur	IEC/EN UL/CSA	A A	25 30
Rated operational volta			V	480
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	Α	25
		15kA	Α	25
B + 1 1 + + + + + + + + + + + + + + + +		25kA	Α	25
Rated short time current lcw		1s	kA	400
Conductivity				10/5 mA/V
Operational current le	IEC/EN AC1/AC21A		A	25
	AC15			
		110V	Α	16
		220/230V	Α	12
		380/400V	Α	8
		660/690V	A	2
Rated operational pow				
	Three-phase AC-3	000/000/		
		220/230V	kW	5.5
		380/440V	kW	7.5
	Single-phase AC-3	500/690V	kW	7.5
	Single-phase AC-3	110V	kW	1.5
		220/230V	kW	3
		380/440V	kW	5.5
	Three-phase AC23A	230701		
	•	220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A			
		110V	kW	1.5



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					1 17(1140
		220/230V	kW	3.7	
		380/440V	kW	5.5	
Rated operational co	rrent in DC	000/440 <b>V</b>	1000	0.0	
rated operational of	DC21A				
	B021/1	48V	Α	25	
		60V	Α	25	
		110V	Α	4	
		220V	Α	0.7	
	DC23A (poles in series)				
	2 0 2 0 1 1 (F 0 1 0 0 1 1 1 0 0 1 1 0 0 )	24V	Α	25 (1)	
		48V	Α	25 (2)	
		60V	A	25 (3)	
		110V	A	12 (3)	
		220V	A	10 (4)	
	DC13		,,	10 (1)	
	2010	24V	Α	25	
		48V	A	20	
		60V	A	16	
		110V	A	1.5	
		220V	A	0.4	
Power dissipation		220 V	W	1.1	
Mechanical features			V V	1	
Terminals screw				M3.5	
Tightening torque fo	r terminals may		Nm	0.8	
Conductor size	T LETTINIAIS THAX		INIII	0.0	
Conductor Size	AWC Bigid poble				
	AWG - Rigid cable	min	AWG	20	
		Max	AWG	10	
	AWG - Flexible cable	IVIAX	AVVG	10	
	AVVG - Flexible cable	min	AWG	20	
		min Max	AWG	20 12	
	Conductor size (IEC) Flevible coble	IVIAX	AVVG	12	
	Conductor size (IEC) - Flexible cable	min	mana <sup>2</sup>	0.5	
		min May	mm²	0.5	
	One divistancia (IEO) Divid cable	Max	mm²	4	
	Conductor size (IEC) - Rigid cable	min	mana <sup>2</sup>	0.5	
		min May	mm²	0.5	
Mechanical life		Max	mm²	4 5x10 <sup>6</sup>	
UL technical data			cycles	5X IU	
	est on line control				
Motor power for dire					
	for three-phase motor	4001/	ПD	2	
		120V	HP up	3	
		240V	HP up	5 10	
		480V	HP up	10 15	
	for single phase restor	600V	HP	15	
	for single-phase motor	40017	LID	4 5	
		120V	HP	1.5	
A malaio nationalitica		240V	HP	3	
Ambient conditions					
Temperature	Out and the state of the				
	Operating temperature		2.5	<b>6-</b>	
		min	°C	-25	
		max	°C	+55	
	Storage temperature				



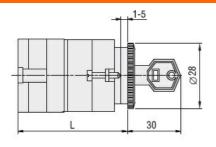
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min	°C	-40
max	°C	+70

	max	_	
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00

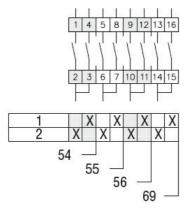
## Dimensions





Series	L			
	1	2	3	8
7GN12	47	56.7	66.4	114.9
7GN20	47	56.7	66.4	114.9
7GN25	51.4	65	78.6	146.6

## 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

cCSAus

EAC

UL

ETIM classification

**ETIM 8.0** 

EC001029 -Selector switch, complete