



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 1 POLE 25A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Droduct designation				Rotary cam
Product designation				switches
Product type designation General characteristics				7GN25
Switching diagram				83 - Multi-step 1- 2-3-4 1 pole
N° of elements				2
Mounting form				U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN	V	690
Rated impulse withstar	nd voltage Llimp	UL/CSA	V kV	600
Conventional free air th			KV	0
Conventional nee all ti	icimai caricit iti	IEC/EN	Α	25
		UL/CSA	Α	30
Rated operational volta	age		V	480
Rated operational impulse voltage			kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	Α	25
		15kA	Α	25
<del></del>		25kA	Α	25
Rated short time currer	nt ICW	1s	۸	400
Conductivity		15	Α	10/5 mA/V
Operational current le	IFC/FN			10/3 111/4 V
oporational current to	AC1/AC21A			
			Α	25
	AC15			_
		110V	Α	16
		220/230V	Α	12
		380/400V	Α	8
		660/690V	Α	2
Rated operational pow				
	Three-phase AC-3	000/0001	1-107	
		220/230V 380/440V	kW kW	5.5 7.5
		500/440V 500/690V	kW	7.5 7.5
	Single-phase AC-3	000/000 V	1000	7.0
	g p	110V	kW	1.5
		220/230V	kW	3
		380/440V	kW	5.5
	Three-phase AC23A			
		220/230V	kW	6.5
		380/440V	kW	11
	0: 1 1 4000	500/690V	kW	11
	Single-phase AC23A	44017	1.3.4.7	4 5
		110V 220/230V	kW kW	1.5 3.7
		ZZU/Z3UV	r v v	J. I





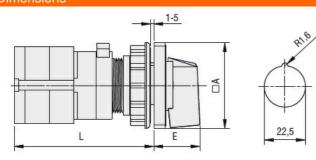
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		380/440V	kW	5.5
Rated operational cu				
	DC21A		_	
		48V	A	25
		60V	A	25
		110V 220V	A A	4 0.7
	DC23A (poles in series)	2200	A	0.7
	DOZDA (poles ili selles)	24V	Α	25 (1)
		48V	A	25 (2)
		60V	A	25 (3)
		110V	Α	12 (3)
		220V	Α	10 (4)
	DC13			
		24V	Α	25
		48V	Α	20
		60V	Α	16
		110V	Α	1.5
		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for	r terminals max		Nm	0.8
Conductor size	_			
	AWG - Rigid cable			
		min	AWG	20
	AMO EL TIL LI	Max	AWG	10
	AWG - Flexible cable		414/0	00
		min May	AWG	20
	Conductor size (IEC) - Flexible cable	Max	AWG	12
	Conductor size (IEC) - Flexible cable	min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable	IVICA		
	Conductor Size (IZO) Trigid dubic	min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data				
Motor power for dire	ct-on-line control			
•	for three-phase motor			
	·	120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			_
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
	-	max	°C	+55
	Storage temperature		°C	40
		min	٠, ٠	-/1(1)
		min		-40



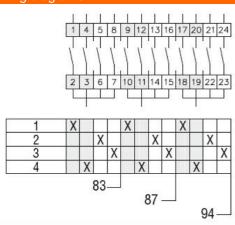
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	max	°C	+70
Resistance & Protection			
Frontal IP degree		<del></del>	IP40
Terminals IP degree			IP00
Dimensions			



Series	Dimer	nsions	ons L			
	□A	Е	1	2	3	8
7GN12	48	26.5	58	67.7	77.4	125.9
7GN20	48	26.5	58	67.7	77.4	125.9
7GN25	48	26.5	62.4	76	89.6	157.6

## 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