

ROTARY CAM SWITCH 7GN SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 125A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 90X90MM

Product designation				Rotary cam switches
Product type designation				7GN125
General characteristics				07 4 1
Switching diagram				25 - 1-phase motor reversing switch with spring return
N° of elements				2
Mounting form				O - Rear mounting with black handle
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar	nd voltage Uimp		kV	6
Conventional free air th	ermal current Ith			
		IEC/EN	Α	125
		UL/CSA	Α	130
Rated operational volta	ige		V	690
Rated operational impu			kV	6
	short-circuit protection In (gG)			
	, ,,	10kA	Α	125
		15kA	Α	100
		25kA	Α	100
		50kA	Α	100
		63kA	Α	100
Rated short time currer	nt Icw			
		1s	kA	2100
Conductivity				10/5 mA/V
Operational current le l	EC/EN			
	AC1/AC21A			
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Α	125
	AC15			
	7.6.16	110V	Α	40
		220/230V	Α	28
		380/400V	Α	15
		660/690V	Α	5
Rated operational power	er in AC			
. tatou oporano.iai potit	Three-phase AC-3			
	Times prides 718 s	220/230V	kW	18.5
		380/440V	kW	37
		500/690V	kW	33
	Single-phase AC-3	000,000 (1000	
	g.o p.1000 / 10 0	110V	kW	5
		220/230V	kW	11
		380/440V	kW	15
	Three-phase AC23A	330/ 1 1 0 V		
	11100 pila00 /1020/1	220/230V	kW	30
		380/440V	kW	45
		500/440 V	kW	37
	Single-phase AC23A	330/030 V	v	
	Single phase AGZOA	110V	kW	5
		1100		



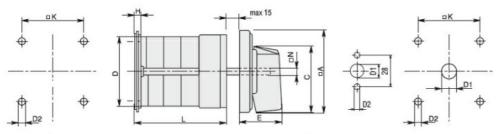
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		000/0001/		
		220/230V	kW	11
Data dan anational aum		380/440V	kW	15
Rated operational cur	DC21A			
	DCZTA	48V	Α	125
		60V	A	80
		110V	A	10
		220V	A	1.2
	DC23A (poles in series)	220 V		1.2
	BOZON (poids in series)	24V	Α	125 (1)
		48V	A	125 (1)
		60V	A	125 (2)
		110V	A	50 (3)
		220V	A	20 (4)
	DC13	2201		20 (1)
	5010	24V	Α	125
		48V	A	100
		60V	A	50
		110V	A	4
Power dissipation		1100	W	6.3
Mechanical features			V V	0.0
Terminals screw				M2X5
Tightening torque for t	terminals may		Nm	2
Conductor size	de illiliais illax		INIII	
Conductor size	AWC Bigid cable			
	AWG - Rigid cable	min	AWG	14
			AWG	1/0
	AWG - Flexible cable	Max	AVVG	1/0
	AWG - Flexible cable		AWG	4.4
		min Mov		14
	Conductor size (IEC). Flouible coble	Max	AWG	1/0
	Conductor size (IEC) - Flexible cable			0.5
		min Max	mm² mm²	2.5 50
	Conductor size (IFC) Digid coble	IVIAX	111111	30
	Conductor size (IEC) - Rigid cable	min	mama ²	0 F
		min Max	mm² mm²	2.5 50
Mechanical life		IVIAX		
UL technical data			cycles	1X10 ⁶
	t on line central			
Motor power for direct				
	for three-phase motor	4201/	ШΡ	15
		120V	HP	15
		240V 480V	HP	25 50
			HP	50
	for single phase mater	600V	HP	40
	for single-phase motor	40017	1.10	_
		120V	HP	5
A malai a mata a a madisti a ma		240V	HP	15
Ambient conditions				
Temperature				
	Operating temperature		2.5	0.5
		min	°C	-25
	-	max	°C	+55
	Storage temperature			
		-	^ ~	40
		min	°C	-40

ENERGY AND AUTOMATION

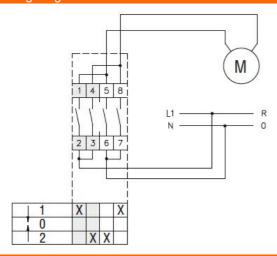
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	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			



Series	Dimensions								L Number of elements											
Series	□A	C	ØD	ØD2	Е	Н	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN20	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN25	48	39.5	43	5	26.5	5	36	6	42.5	56.1	69.7	83.3	96.9	110.5	124.1	137.7	151.3	164.9	178.5	192.1
7GN32	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN40	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN63	65	53	62	6	34.5	7.5	68	7	53.3	71.4	89.5	107.6	125.7	143.8	161.9	180	198.1	216.2	234.3	252.4
7GN125	90	70.5	86	6	41.4	7.5	68	9	74.8	103.9	133	162.1	191.2	220.3	249.4	278.5	307.6	336.7	365.8	394.9

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

EAC

UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete