

7GN12555U ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 2 POLES 125A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 90X90MM

				Rotary cam
Product designation				switches
Product type designa				7GN125
General characteristic	CS			55 01
Switching diagram				55 - Changeover switch without 0 2 poles
N° of elements				2
Mounting form				U - Front mounting with black handle
Contact characteristic	S			
Rated insulation volta	ge Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air	thermal current Ith			405
		IEC/EN	A	125
Dated aparational val	togo	UL/CSA	A V	130
Rated operational vol Rated operational imp	-		kV	690 6
·	or short-circuit protection In (gG)		κv	0
	short circuit protection in (gC)	10kA	А	125
		15kA	A	100
		25kA	A	100
		50kA	А	100
		63kA	А	100
Rated short time curre	ent Icw			
		1s	kA	2100
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A			
			A	125
	AC15	1401/	•	40
		110V	A	40
		220/230V 380/400V	A A	28 15
		660/690V	A	5
Rated operational pov	ver in AC	000/030 V	~	5
Rated operational per	Three-phase AC-3			
		220/230V	kW	18.5
		380/440V	kW	37
		500/690V	kW	33
	Single-phase AC-3			
		110V	kW	5
		220/230V	kW	11
		380/440V	kW	15
	Three-phase AC23A			
		220/230V	kW	30
		380/440V	kW	45 27
	Single-phase AC23A	500/690V	kW	37
	Single-phase AU23A	110V	kW	5
		220/230V	kW	11
		220,200 V		

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		380/440V	kW	15
Rated operational cu	urrent in DC			
	DC21A			
		48V	A	125
		60V	Α	80
		110V	A	10
		220V	A	1.2
	DC23A (poles in series)	0 (1) (
		24V	A	125 (1)
		48V	A	125 (2)
		60V	A	125 (3)
		110V 220V	A	50 (3) 20 (4)
	DC12	2200	A	20 (4)
	DC13	2414	^	105
		24V	A	125
		48V	A	100
		60V	A	50
Dowor dissignation		110V	A W	4
Power dissipation			VV	6.3
Mechanical features				M2X5
Terminals screw	r terminale mov		Nm	2
Tightening torque for Conductor size			INITI	2
Conductor size	ANAC Pigid apple			
	AWG - Rigid cable	min	AWG	14
	AWG - Flexible cable	Max	AWG	1/0
	AWG - Flexible Cable	min		1 /
		min Max	AWG AWG	14 1/0
	Conductor size (IEC) - Flexible cable	IVIdX	AWG	1/0
	Conductor size (IEC) - Flexible cable	min	mm²	2.5
		Max	mm²	50
	Conductor size (IEC) Digid coble	IVIdX	111111	50
	Conductor size (IEC) - Rigid cable	min	mm^2	2.5
		min Max	mm² mm²	2.5 50
Mechanical life		IVIdX		1X10 ⁶
UL technical data			cycles	
Motor power for dire	et on line control			
	for three-phase motor			
	101 11100-111030 1110101	120V	HP	15
		120V 240V	пР HP	25
		240V 480V	пР HP	25 50
		480V 600V	нР НР	40
	for single-phase motor	000 V	1.15	.
	ior single-phase motor	120V	HP	5
		240V	HP	5 15
Ambient conditions		2400	1.15	
Temperature				
. Sinperatoro	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature	тах	0	
		min	°C	-40
		max	°C	+70
		max		

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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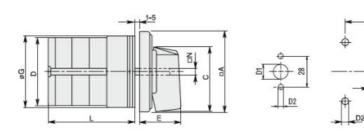
ENERGY AND AUTOMATION

Resistance & Protection

Frontal IP degree

IP40 IP00

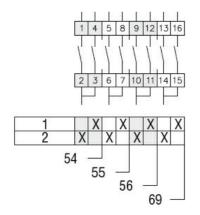
Terminals IP degree Dimensions



Standard drillings for 7GN125. Drillings on request for 4 screws fixing (4V version).

Series	Dimensions								L Number of elements												
Series	□A	С	ØD	ØD1	ØD2	Е	ØG	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN20	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN25	48	39.5	43	12	5	26.5	38	36	6	40.5	54.1	67.7	81.3	94.9	108.5	122.1	135.7	147.3	162.9	176.5	190.1
7GN32	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN40	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN63	65	53	62	14	5	34.5	58.5	48	7	50.3	68.4	86.5	104.6	122.7	140.8	158.9	177	195.1	213.2	231.3	249.4
7GN125	90	70.5	86	16	6	41.5	84	68	9	67.3	96.4	125.5	154.6	183.7	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

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