

7GN2553U ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 3 POLES 25A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

			^a Rotary cam
Product designation			switches
Product type designation			7GN25
General characteristics			
Switching diagram			53 - Changeover switch 3 poles - 2 speed motor starting with separate windings
N° of elements			3
Mounting form			U - Front mounting with black handle
Contact characteristics			
Rated insulation voltage Ui	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEC/EN UL/CSA	A A	25 30
Rated operational voltage	01,00,1	V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	A	25
	15kA 25kA	A A	25 25
Rated short time current Icw	ZJKA	~	23
	1s	А	400
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A		•	25
AC15		A	25
	110V 220/230V 380/400V 660/690V	A A A A	16 12 8 2
Rated operational power in AC	000/090V	A	2
Three-phase AC-3			
	220/230V 380/440V	kW kW	5.5 7.5
	500/690V	kW	7.5
Single-phase AC-3			
	110V 220/230V	kW kW	1.5 3
	380/440V	kW	5.5
Three-phase AC23A	000/7701	11.4.4	0.0
	220/230V	kW	6.5
	380/440V	kW	11
Single-phase AC23A	500/690V	kW	11
Ungie-phase AU23A	110V	kW	1.5

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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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		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational cu	urrent in DC			0.0
	DC21A			
	002111	48V	А	25
		60V	A	25
		110V	A	4
		220V	A	0.7
	DC23A (poles in series)	2201	73	0.1
		24V	А	25 (1)
		48V	A	25 (1)
		48V 60V	A	25 (2) 25 (3)
		110V	A	
		220V		12 (3) 10 (4)
	D012	2200	A	10 (4)
	DC13	0.417	^	05
		24V	A	25
		48V	A	20
		60V	A	16
		110V	A	1.5
		220V	A	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque fo	r terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 ⁶
UL technical data			0,000	
Motor power for dire	ect-on-line control			
	for three-phase motor			
	וטו נווופפ-טומשפ וווטנטו	120V	HP	3
		120V 240V	HP HP	
				5
		480V	HP	10
	for the share we take	600V	HP	15
	for single-phase motor			4 5
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			

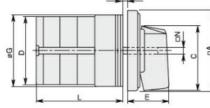
Storage temperature

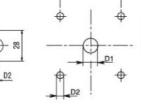
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		min max	°C °C	-40 +70
Resistance & Protection				
Frontal IP degree				IP40
Terminals IP degree				IP00
Dimensions				
1-5	L DK			



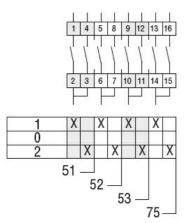


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Standard drillings for 7GN125. Drillings on request for 4 screws fixing (4V version).

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		
	cCSAus	
	EAC	
	UL	
ETIM classification		
ETIM 8.0		EC001105 - Off- load switch

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