

7GN4054U Electric ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 1 POLE 40A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

				Rotary cam
Product designation				switches
Product type designat				7GN40
General characteristic	S			54 01
Switching diagram				54 - Changeover switch without 0 1 pole
N° of elements				1
Mounting form				U - Front mounting with black handle
Contact characteristic	S			
Rated insulation voltage	ge Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air t	nermai current ith		٨	40
		IEC/EN UL/CSA	A A	40 50
Rated operational volt	202	01/03A	X	480
Rated operational imp	-		kV	480
	r short-circuit protection In (gG)		it v	•
		10kA	А	40
		15kA	A	40
		25kA	А	40
		50kA	А	40
		63kA	А	40
Rated short time curre	ent Icw	1s	kA	1000
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			A	40
	AC15			
		110V	A	25
		220/230V	A	22
		380/400V 660/690V	A A	12
Rated operational pow	ver in AC	000/090 v	A	2
	Three-phase AC-3			
		220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	15
	Single-phase AC-3			
		110V	kW	3
		220/230V	kW	6.5
		380/440V	kW	8
	Three-phase AC23A			_
		220/230V	kW	8
		380/440V	kW	18.5
	Single phase AC22A	500/690V	kW	22
	Single-phase AC23A	110V	kW	3
		220/230V	kW	6
		220/230 V	17.4.6	0

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		380/440V	kW	11
Rated operational cur				
	DC21A	401/		40
		48V 60V	A A	40 40
		110V	A	40 6
		220V	A	0.9
	DC23A (poles in series)	2201	,,	010
		24V	А	40 (1)
		48V	А	40 (2)
		60V	А	40 (3)
		110V	Α	20 (3)
		220V	Α	12 (4)
	DC13			
		24V	A	40
		48V	A	32
		60V	A	16
Power dissipation		110V	A W	3 2.0
Mechanical features			vv	2.0
Terminals screw				M4
Tightening torque for	terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
	5	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
	Conductor size (IEC) Divid coble	Max	mm²	6
	Conductor size (IEC) - Rigid cable	min	mm²	1 5
		Max	mm²	1.5 10
Mechanical life		IVIAA	cycles	5x10 ⁶
UL technical data			0yolog	0,110
Motor power for direc	t-on-line control			
·	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	20
		600V	HP	20
	for single-phase motor			
		120V	HP	2
Ambiont conditions		240V	HP	5
Ambient conditions Temperature				
remperature	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature	Пал		
		min	°C	-40
		max	°Č	+70

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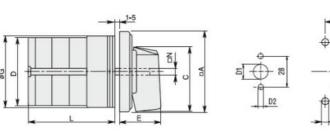
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Resistance & Protection

Frontal IP degree

Terminals IP degree

Dimensions



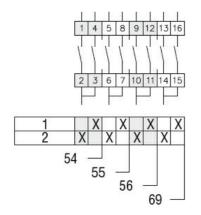
Standard drillings for 7GN125. Drillings on request for 4 screws fixing (4V version).

IP40 IP00

Series Dimensions					L Number of elements																
Series	ΠA	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

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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	n	
ETIM 8.0		EC001029 - Selector switch, complete

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