

7GN40690 ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 4 POLES 40A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

				Rotary cam
Product designation				switches
Product type designa				7GN40
General characteristic	CS			69 - Changeover
Switching diagram				switch without 0 4 poles
N° of elements				4
Mounting form				O - Rear 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		۸	40
		IEC/EN	A	40 50
Rated operational vol	tago	UL/CSA	A V	480
Rated operational imp	· ·		kV	480
	or short-circuit protection In (gG)		ιτν	
	s choir choar protocion in (ge)	10kA	А	40
		15kA	A	40
		25kA	A	40
		50kA	А	40
		63kA	А	40
Rated short time curre	ent Icw			
		1s	kA	1000
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A			
			A	40
	AC15	440)/	٨	25
		110V 220/230V	A A	25 22
		380/400V	A	12
		660/690V	A	2
Rated operational pov	wer in AC	000,000 1		
per se	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	000/0001	1.1.1.1	0
		220/230V 380/440V	kW kW	8 18.5
		380/440V 500/690V	кvv kW	22
	Single-phase AC23A	200/030V	r v v	<i>LL</i>
	Chigie phase Adzon	110V	kW	3
		220/230V	kW	6
			-	

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ENERGY AND AUTOMATION

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		380/440V	kW	11
Rated operational cu	rrent in DC	300/440 V	K V V	11
	DC21A			
		48V	А	40
		60V	А	40
		110V	А	6
		220V	А	0.9
	DC23A (poles in series)			
		24V	А	40 (1)
		48V	Α	40 (2)
		60V	А	40 (3)
		110V	A	20 (3)
		220V	Α	12 (4)
	DC13			
		24V	Α	40
		48V	A	32
		60V	A	16
Device Parts of		110V	<u>A</u>	3
Power dissipation			W	2.0
Mechanical features				N44
Terminals screw			Nisa	M4
Tightening torque for	terminais max		Nm	1.2
Conductor size				
	AWG - Rigid cable	min	AWG	16
		min Max	AWG	16 8
	AWG - Flexible cable	IVIdX	AWG	0
	AVVG - Flexible Cable	min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable	IVIAA	ANG	10
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable	more		0
		min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	5x10 ⁶
UL technical data			,	
Motor power for direc	ct-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
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
	-	max	°C	+55
	Storage temperature			10
		min	°C	-40
		max	°C	+70

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IP40 IP00

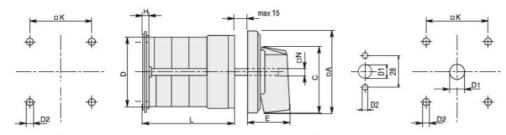
ENERGY AND AUTOMATION

Resistance & Protection

Frontal IP degree

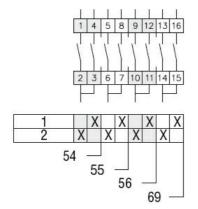
Terminals IP degree

Dimensions



Series	Dimensions					L Number of elements														
Series	□A	С	ØD	ØD2	Е	Н	۵K	۵N	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					
	cCSAus				

	cCSAus
	EAC
	UL
Melaccification	

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete

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