

7GN40110 ROTARY CAM SWITCH 7GN SERIES, 3-PHASE MOTOR REVERSING SWITCH 40A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Product designation				Rotary cam		
Product type designation	ation			switches 7GN40		
General characteristi				701140		
Switching diagram				11 - 3-phase motor reversing switch		
N° of elements				3		
Mounting form				O - Rear mounting with black handle		
Contact characteristic						
Rated insulation volta	age Ui		. <i>,</i>			
		IEC/EN	V	690		
Potod impulse withot	and voltage Llimp	UL/CSA	V kV	600 6		
Rated impulse withst Conventional free air			ĸv	0		
		IEC/EN	А	40		
		UL/CSA	A	50		
Rated operational vo	Itage	01,00,1	V	480		
Rated operational im	-		kV	4		
·	or short-circuit protection In (gG)					
		10kA	А	40		
		15kA	А	40		
		25kA	А	40		
		50kA	А	40		
		63kA	A	40		
Rated short time curr	ent Icw	1s	kA	1000		
Conductivity				10/5 mA/V		
Operational current le						
	AC1/AC21A					
	4045		A	40		
	AC15	4401/	٨	25		
		110V 220/230V	A A	25 22		
		380/400V	A	12		
		660/690V	A	2		
Rated operational po	wer in AC					
	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	o 18.5		
		500/690V	kW	22		
	Single-phase AC23A					
	<u> </u>	110V	kW	3		
		220/230V	kW	6		

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ENERGY AND AUTOMATION

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		380/440V	kW	11
Rated operational c	urrent in DC			
	DC21A			
		48V	Α	40
		60V	А	40
		110V	A	6
		220V	Α	0.9
	DC23A (poles in series)			
		24V	A	40 (1)
		48V	Α	40 (2)
		60V	A	40 (3)
		110V	A	20 (3)
		220V	A	12 (4)
	DC13	• 414		
		24V	A	40
		48V	A	32
		60V	A	16
Devues disaination		110V	<u>A</u>	3
Power dissipation			W	2.0
Mechanical features				M4
Terminals screw			Nine	
Tightening torque fo	ir terminais max		Nm	1.2
Conductor size	ANAC Divid coble			
	AWG - Rigid cable	min	AWG	16
		min		16
	AWG - Flexible cable	Max	AWG	8
	AWG - Flexible Cable	min	AWG	16
		min	AWG	16 10
	Conductor cize (IEC) Elevible coble	Max	AWG	10
	Conductor size (IEC) - Flexible cable	min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable	IVIdX	111111	0
		min	mm²	1.5
		Max	mm²	10
Mechanical life		IVIDA	cycles	5x10 ⁶
UL technical data			Cycles	5710
Motor power for dire	ect-on-line control			
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	20
		400V 600V	HP	20
	for single-phase motor			
		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°Č	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

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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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IP40 IP00

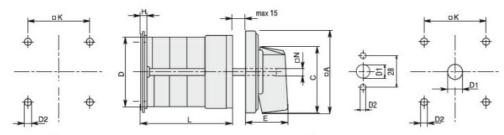
ENERGY AND AUTOMATION

Resistance & Protection

Frontal IP degree

Terminals IP degree

Dimensions

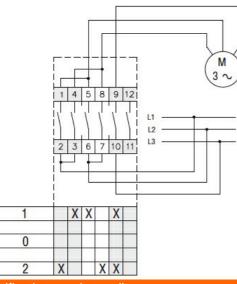


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S

Series	Dimensions					L Number of elements														
Series	□A	С	ØD	ØD2	E	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
	EAC
	UL
ETIM classification	

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ETIM 8.0

EC001029 -Selector switch, complete