

## **7GN40750** ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 4 POLES 40A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

				<sup>a</sup> Rotary cam
Product designation				switches
Product type designation				7GN40
General characteristics				75 01
Switching diagram				75 - Changeover switch 4 poles
N° of elements				4
Mounting form				O - Rear mounting with
Mounting form				black handle
Contact characteristics				
Rated insulation voltage Ui				
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstand voltage U			kV	6
Conventional free air thermal curre	nt Ith			
		IEC/EN	A	40
		UL/CSA	<u>A</u>	50
Rated operational voltage			V	480
Rated operational impulse voltage	(1, 1, 2, 2, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,		kV	4
Maximum fuse size for short-circui	protection in (gG)	1014	۸	40
		10kA 15kA	A A	40 40
		25kA	A	40 40
		50kA	A	40
		63kA	A	40
Rated short time current Icw				
		1s	А	1000
Conductivity				10/5 mA/V
Operational current le IEC/EN				
AC1/AC2	IA			
			А	40
AC15				
		110V	А	25
		220/230V	А	22
		380/400V	A	12
		660/690V	Α	2
Rated operational power in AC				
Three-pha	se AC-3	222/2221/	1.1.1./	0
		220/230V	kW	8
		380/440V 500/690V	kW kW	15 15
Single-pha	266 ΔC-3	500/0907	K V V	15
Single-priz		110V	kW	3
		220/230V	kW	6.5
		380/440V	kW	8
Three-pha	se AC23A		••••	-
		220/230V	kW	8
		380/440V	kW	18.5
		500/690V	kW	22
Single-pha	ase AC23A			
		110V	kW	3
		220/230V	kW	6

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		380/440V	kW	11
Rated operational cu				
	DC21A			
		48V	A	40
		60V	A	40
		110V	А	6
		220V	A	0.9
	DC23A (poles in series)	0.01		40 (4)
		24V	A	40 (1)
		48V	A	40 (2)
		60V	A	40 (3)
		110V	A	20 (3)
	D012	220V	А	12 (4)
	DC13	241/	^	40
		24V 48V	A A	40 32
		48 V 60 V	A	32 16
		110V	A	3
Power dissipation		1100	 	2.0
Mechanical features			vv	2.0
Terminals screw				M4
Tightening torque for	terminals may		Nm	1.2
Conductor size				1.2
	AWG - Rigid cable			
	AWO - Nigid Cable	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable	IVIDA	700	0
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable	Max	////0	10
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable	max		0
		min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	5x10 <sup>6</sup>
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			
	<u> </u>	120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+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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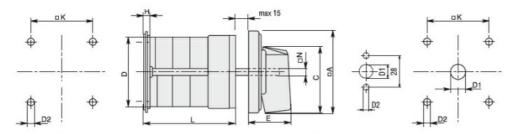
IP40 IP00

# Resistance & Protection

Frontal IP degree

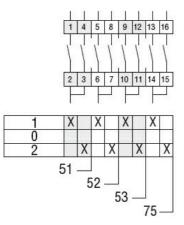
Terminals IP degree

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	
	EAC	
	UL	
ETIM classification	1	
ETIM 8.0		EC001029 - Selector switch, complete

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