

7GN40560 ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 3 POLES 40A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

			Rotary cam
Product designation			switches
Product type designation			7GN40
General characteristics			56 - Changeover
Switching diagram			switch without 0 3 poles
N° of elements			3
Mounting form			O - Rear mounting with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith		۸	40
	IEC/EN	A	40
Pated aparational voltage	UL/CSA	A V	50 480
Rated operational voltage Rated operational impulse voltage		kV	400
Maximum fuse size for short-circuit protection In (gG)		ΚV	+
Maximum ruse size for short orean protection in (ge)	10kA	А	40
	15kA	A	40
	25kA	A	40
	50kA	А	40
	63kA	А	40
Rated short time current Icw			
	1s	kA	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
10/2		A	40
AC15	1401/	•	05
	110V 220/230V	A A	25 22
	220/230V 380/400V	A	12
	660/690V	A	2
Rated operational power in AC	000/000 1		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	000/0001/		0
	220/230V	kW	8
	380/440V 500/690V	kW kW	18.5 22
Single-phase AC23A	200/0907	ĸvv	22
Single-phase Aczon	110V	kW	3
	220/230V	kW	6
	220,200 V		~

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ENERGY AND AUTOMATION

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		380/440V	kW	11
Rated operational cu	irrent in DC			
	DC21A			
		48V	Α	40
		60V	A	40
		110V	A	6
		220V	Α	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)
	DC13	220V	A	12 (4)
	DC13	041/	^	40
		24V 48V	A	40
		48V 60V	A	32 16
			A	
Power dissipation		110V	A W	3 2.0
Mechanical features			VV	2.0
Terminals screw				M4
Tightening torque for	terminale may		Nm	1.2
Conductor size			INITI	1.2
Conductor Size	AWG - Rigid cable			
	AWG - Rigid Cable	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable	IVIdX	AWG	0
	AWG - Flexible cable	min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable	IVIAA	ANG	10
	Conductor Size (IEC) - Flexible cable	min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable	IVIDA		0
	Conductor size (IEC) - Rigid cable	min	mm²	1.5
		Max	mm²	10
Mechanical life		IVIAA	cycles	5x10 ⁶
UL technical data			Cycles	5×10
Motor power for dire	ct-on-line control			
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	20
		400V 600V	HP	20
	for single-phase motor	0001		
		120V	HP	2
		240V	HP	5
Ambient conditions		2.57		-
Temperature				
	Operating temperature			
	, 0 ··- 1· -······	min	°C	-25
		max	°Č	+55
	Storage temperature		-	
		min	°C	-40
		max	°Č	+70
			-	

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IP40

IP00

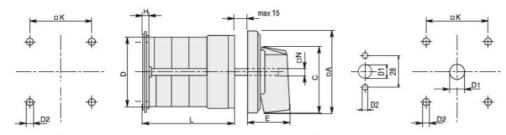
ENERGY AND AUTOMATION

Resistance & Protection

Frontal IP degree

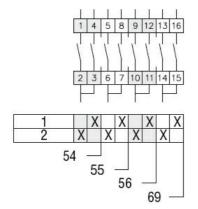
Terminals IP degree

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



C C

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

EC001029 -Selector switch, complete

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