

## **7GN63560** ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 3 POLES 63A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

				Rotary cam
Product designation				switches
Product type designa				7GN63
General characteristic	CS			50 Ohennessen
Switching diagram				56 - Changeover switch without 0 3 poles
N° of elements				3
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		•	22
		IEC/EN	A	63
Deted operational val	taga	UL/CSA	A V	60 480
Rated operational vol Rated operational imp			kV	480
	or short-circuit protection In (gG)		κv	4
	si short-circuit protection in (gC)	10kA	А	63
		15kA	A	63
		25kA	A	63
		50kA	A	63
		63kA	А	63
Rated short time curre	ent Icw			
		1s	kA	1600
Conductivity				10/5 mA/V
Operational current le	e IEC/EN			
	AC1/AC21A			
			A	63
	AC15			
		110V	A	32
		220/230V 380/400V	A	25
		380/400V 660/690V	A A	15 4
Rated operational pov	ver in AC	000/090 v	A	4
	Three-phase AC-3			
		220/230V	kW	11
		380/440V	kW	18.5
		500/690V	kW	18.5
	Single-phase AC-3			
	-	110V	kW	3.7
		220/230V	kW	6.5
		380/440V	kW	11.5
	Three-phase AC23A			
		220/230V	kW	12.5
		380/440V	kW	30
	Oingle share ACCOA	500/690V	kW	30
	Single-phase AC23A	4401/	L11/	2.7
		110V 220/230V	kW kW	3.7 7.5
		220/230V	ĸvv	7.5

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		380/440V	kW	12.5
Rated operational cu	urrent in DC			
	DC21A			
		48V	A	63
		60V	A	50
		110V 220V	A	8
	DC23A (poles in series)	2200	A	1
	DOZSA (poles in selies)	24V	А	50 (1)
		48V	A	50 (2)
		60V	A	50 (3)
		110V	A	25 (3)
		220V	А	15 (4)
	DC13			
		24V	А	63
		48V	А	40
		60V	Α	28
		110V	Α	3.3
Power dissipation			W	3.4
Mechanical features				
Terminals screw				M5
Tightening torque fo	r terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
		min	AWG	14
		Max	AWG	6
	AWG - Flexible cable	min		1 /
		min Max	AWG AWG	14 8
	Conductor size (IEC) - Flexible cable	IVIdX	AWG	0
	Conductor size (IEC) - Flexible cable	min	mm²	2.5
		Max	mm²	10
	Conductor size (IEC) - Rigid cable	max		10
		min	mm²	2.5
		Max	mm²	16
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data			ý	
Motor power for dire	ct-on-line control			
	for three-phase motor			
		120V	HP	7.5
		240V	HP	15
		480V	HP	25
		600V	HP	25
	for single-phase motor			
		120V	HP	3
Ambient condition		240V	HP	10
Ambient conditions				
Temperature	Operating temperature			
	Operating temperature	min	°C	-25
		max	°C	-25 +55
	Storage temperature	IIIdX	0	100
	otorage temperature	min	°C	-40
		max	°C	+70
		max		

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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

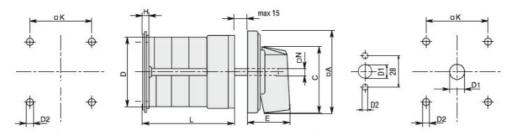
ENERGY AND AUTOMATION

## Resistance & Protection

Frontal IP degree

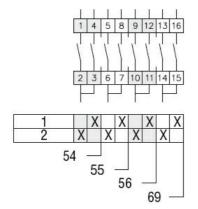
Terminals IP degree

Dimensions



Dimensions				L Number of elements																
Series	□A	С	ØD	ØD2	Е	Н	٥K	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



# Ce Ce

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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