



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 1 POLE 63A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Product type designation Same Author S	Product designation				Rotary cam switches
Switching diagram 83 - Multi-step 1- 2-3-4 1 pole N° of elements 2-3-4 1 pole Mounting form Contact characteristics Rated insulation voltage Ui IEC/EM V 690 Rated insulation voltage Uimp KV 600 Rated inpulse withstand voltage Uimp KV 6 Conventional free air thermal current ith IEC/EM A 63 Rated operational voltage KV 4 60 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10KA A 63 Rated short time current lcw 10KA A 63<		n			7GN63
Mounting form					
Mounting form Mounting with black handle Mounting with black handle	N° of elements				
Rated insulation voltage Uimp	Mounting form				mounting with
IEC/EN V 600 Rated impulse withstand voltage Ulmp	Contact characteristics				
Rated impulse withstand voltage Uimp	Rated insulation voltage	Ui			
Rated impulse withstand voltage Uimp					
Conventional free air thermal current Ith	Patad impulse withstand	d voltago I limp	UL/CSA		
IEC/EN		•		KV	0
Rated operational voltage	Conventional free all the	and current in	IFC/FN	Α	63
Rated operational voltage					
Rated operational impulse voltage RV 4	Rated operational voltage	ge			
10kA				kV	4
15kA	Maximum fuse size for s	short-circuit protection In (gG)			
Rated short time current Icw 1s				Α	
Soka A 63 63kA A 63					
Rated short time current low					
Rated short time current lcw					
1s kA 1600	Data d about time a surran	Llaw.	63kA	Α	63
Conductivity	Rated short time curren	t icw	16	۲Λ	1600
A	Conductivity		13	K/1	
AC1/AC21A AC15 T110V A 32 220/230V A 25 380/400V A 15 660/690V A 4 Rated operational power in AC 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 11.5 Three-phase AC23A 220/230V kW 11.5 Three-phase AC23A 110V kW 3.7 220/230V kW 15.5 Single-phase AC23A 110V kW 3.7 220/230V kW 15.5 Three-phase AC23A		=C/FN			10/5 111/4/ V
A 63 AC15 110V A 32 220/230V A 25 380/400V A 15 660/690V A 4 Rated operational power in AC 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 11.5 Three-phase AC23A 220/230V kW 11.5 Single-phase AC23A 220/230V kW 15.5 220/230V kW 15.5 380/440V kW 11.5 Three-phase AC23A 220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A	•				
110V				Α	63
Rated operational power in AC Three-phase AC-3		AC15			
Single-phase AC23A Single-			110V	Α	32
Rated operational power in AC 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 30 500/690V kW 30 Single-phase AC23A			220/230V	Α	25
Rated operational power in AC 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 30 500/690V kW 30 Single-phase AC23A			380/400V	Α	15
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 30 500/690V kW 30 Single-phase AC23A			660/690V	Α	4
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 30 500/690V kW 30 Single-phase AC23A	Rated operational powe				
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 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7		Three-phase AC-3	/		
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 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7					
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 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7					
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 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7		Single phase AC 2	500/690V	KVV	18.5
220/230V kW 6.5 380/440V kW 11.5 Three-phase AC23A 220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7		Single-phase AC-3	110\/	k\/\/	3 7
380/440V kW 11.5 Three-phase AC23A 220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7					
Three-phase AC23A 220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7					
220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7		Three-phase AC23A			
380/440V kW 30 500/690V kW 30 Single-phase AC23A 110V kW 3.7		•	220/230V	kW	12.5
500/690V kW 30 Single-phase AC23A 110V kW 3.7					
110V kW 3.7			500/690V		
		Single-phase AC23A			
220/230V kW 7.5					
			220/230V	kW	7.5





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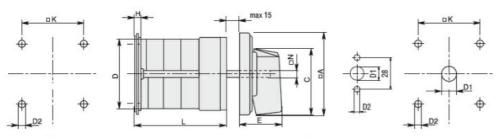
		380/440V	kW	12.5
Rated operational cur				
	DC21A			
		48V	Α	63
		60V	A	50
		110V	A	8
	DOCCA (malas in series)	220V	Α	1
	DC23A (poles in series)	241/	^	FO (4)
		24V 48V	A A	50 (1) 50 (2)
		60V	A	50 (2)
		110V	A	25 (3)
		220V	A	15 (4)
	DC13	220 V		10 (4)
	5013	24V	Α	63
		48V	A	40
		60V	Α	28
		110V	Α	3.3
Power dissipation			W	3.4
Mechanical features				
Terminals screw				M5
Tightening torque for	terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
	9	min	AWG	14
		Max	AWG	6
	AWG - Flexible cable			_
		min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable			
		min	mm²	2.5
		Max	mm²	10
	Conductor size (IEC) - Rigid cable			
		min	mm²	2.5
		Max	mm²	16
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direc				
	for three-phase motor			
		120V	HP	7.5
		240V	HP	15
		480V	HP	25
		600V	HP	25
	for single-phase motor	40011	LID	0
		120V	HP	3
A robiost agadition		240V	HP	10
Ambient conditions				
Temperature	On another town and the			
	Operating temperature	•	۰.	25
		min	°C	-25 -55
	Ctore as town or the	max		+55
	Storage temperature	·!	°C	40
		min	°C	-40 -70
		max		+70

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ENERGY AND AUTOMATION

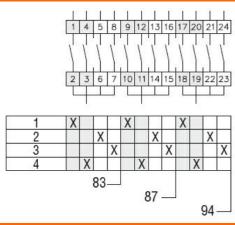
Resistance & Protection Frontal IP degree IP40 Terminals IP degree IP00

Dimensions



Series	Dimensions							L Number of elements												
Selles	□A	С	ØD	ØD2	Е	Ξ	□K	□N	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

ETIM 8.0

EC001029 -Selector switch, complete