



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3, 2 POLES 125A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 90X90MM

Product type designation	Product designation				Rotary cam
Centeral characteristics	-	•			switches
Switching diagram 124 - Multi-step O-11-2-3 2 poles O-11-2-3 poles O-11-2-3 poles O-11-2-3 2 poles O-11-2-3 poles O-11-2-3 poles O-11-2-3 poles O-11-2-3					7GN125
N° of elements S 3 C					124 - Multi-step
Mounting form	Switching diagram				0-1-2-3 2 poles
Mounting form Sephen Sep	N° of elements				
Contact characteristics	Mounting form				
Rated insulation voltage Ui	Mounting form				
IEC/EN V 690	Contact characteristic	S			
Name	Rated insulation voltage	ge Ui			
Rated impulse withstand voltage Uimp					
Conventional free air thermal current lth			UL/CSA	-	
IEC/EN A 125	-			kV	6
Rated operational voltage	Conventional free air t	nermal current Ith	IEC/EN	۸	105
Rated operational voltage					
Rated operational impulse voltage Rated operational impulse voltage Rated operational impulse size for short-circuit protection In (gG) 10kA	Rated operational volt	ane	UL/C3A		
Maximum fuse size for short-circuit protection In (gG) 10kA A 125 15kA A 100 25kA A 100 50kA A 100 63kA A 100 Rated short time current lcw 1s A 2100 Conductivity 1s A 2100 Conductivity AC1/AC21A AC15 110V A 40 220/230V A 28 380/400V A 15 660/690V A 5 Rated operational power in AC Three-phase AC-3 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 37 500/690V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 15 Three-phase AC23A Single-phase AC23A 220/230V kW 30 380/440V kW 37 500/690V kW 37 Single-phase AC23A					
10kA				100	
15kA		remore emeant proteodiem in (ge)	10kA	Α	125
SokA A 100 63kA A 100 60kA A 105 60kA A 105 62kA A 100 62kA					
Rated short time current Icw			25kA	Α	100
Rated short time current low			50kA	Α	100
Three-phase AC-3A Single-phase AC-23A			63kA	Α	100
Conductivity	Rated short time curre	ent Icw			
A			1s	Α	
AC1/AC21A AC15 AC15 110V A 40 220/230V A 28 380/400V A 15 660/690V A 5 Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 380/440V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 15 Three-phase AC23A 110V kW 5 500/690V kW 37 Single-phase AC23A		IFO/FN			10/5 mA/V
A 125 AC15 110V A 40 220/230V A 28 380/400V A 15 660/690V A 5 Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 380/440V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 15 220/230V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 37 500/690V kW 37 Single-phase AC23A	Operational current le				
AC15 110V		ACT/AC2TA		۸	125
110V		AC15			123
Rated operational power in AC Three-phase AC-3		A010	110V	Α	40
Single-phase AC23A Single-					
Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 380/440V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A					
Three-phase AC-3 220/230V kW 18.5 380/440V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 37 Single-phase AC23A 110V kW 5 500/690V kW 37			660/690V	Α	5
220/230V kW 18.5 380/440V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 37 Single-phase AC23A 110V kW 5 110V kW 5 15	Rated operational pov				
380/440V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5		Three-phase AC-3			
500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5					
Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5					
110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5		Single-phase AC 2	500/690V	KVV	33
220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5		Single-phase AC-3	110\/	<i>ا</i> ۸۸	5
380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5					
Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5					
220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5		Three-phase AC23A		<u> </u>	
380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5		·	220/230V	kW	30
Single-phase AC23A 110V kW 5			380/440V		45
110V kW 5			500/690V	kW	37
		Single-phase AC23A			_
220/230V kW 11					
			220/230V	KVV	11





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		380/440V	kW	15
Rated operational cu	rrent in DC			
	DC21A			
		48V	Α	125
		60V	A	80
		110V	A	10
	DOOOA (nalaa in aaniaa)	220V	Α	1.2
	DC23A (poles in series)	24V	۸	105 (1)
		48V	A A	125 (1) 125 (2)
		60V	A	125 (2)
		110V	A	50 (3)
		220V	A	20 (4)
	DC13		- , ,	20 (1)
	2010	24V	Α	125
		48V	Α	100
		60V	Α	50
		110V	Α	4
Power dissipation			W	6.3
Mechanical features				
Terminals screw				M2X5
Tightening torque for	terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
		min	AWG	14
		Max	AWG	1/0
	AWG - Flexible cable			
		min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable			
		min	mm²	2.5
	-	Max	mm²	50
	Conductor size (IEC) - Rigid cable	_		
		min	mm²	2.5
		Max	mm²	50
Mechanical life			cycles	1X10 ⁶
UL technical data	et en line central			
Motor power for direc	for three-phase motor			
	ioi iiiiee-piiase iiioloi	120V	HP	15
		120V 240V	HP	25
		480V	HP	50
		600V	HP	40
	for single-phase motor	000 V	111	
	origio pridocimotor	120V	HP	5
		240V	HP	15
Ambient conditions				
Temperature				
•	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
	-	min	°C	-40
		max	°C	+70

IP00



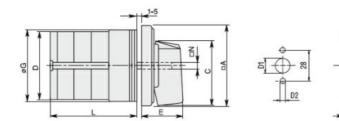
ENERGY AND AUTOMATION

Terminals IP degree

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Resistance & Protection	
Frontal IP degree	IP40

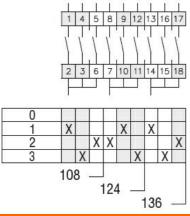
Dimensions





Series	Dimensions								L Number of elements												
	□A	С	ØD	ØD1	ØD2	Е	ØG	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN20	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN25	48	39.5	43	12	5	26.5	38	36	6	40.5	54.1	67.7	81.3	94.9	108.5	122.1	135.7	147.3	162.9	176.5	190.1
7GN32	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN40	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN63	65	53	62	14	5	34.5	58.5	48	7	50.3	68.4	86.5	104.6	122.7	140.8	158.9	177	195.1	213.2	231.3	249.4
7GN125	90	70.5	86	16	6	41.5	84	68	9	67.3	96.4	125.5	154.6	183.7	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

EAC

UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete