



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 125A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 90X90MM

Product designation				Rotary cam
Product type designation	on			switches 7GN125
General characteristics				
Switching diagram				07 - ON/OFF switch 3 poles
N° of elements				2
Mounting form				O - Rear mounting with black handle
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN	V	690
Rated impulse withstan	nd voltage Llimp	UL/CSA	V kV	600
Conventional free air th			N.V.	
Conventional nee all th	emarcunent itt	IEC/EN	Α	125
		UL/CSA	Α	130
Rated operational volta	age		V	690
Rated operational impu	ulse voltage		kV	6
Maximum fuse size for	short-circuit protection In (gG)			_
		10kA	Α	125
		15kA	Α	100
		25kA	Α	100
		50kA	Α	100
		63kA	A	100
Rated short time currer	nt Icw	4.5	I.Λ	2400
Conductivity		1s	kA	2100 10/5 mA/V
Conductivity Operational current le I	IEC/EN			10/5 IIIA/ V
Operational current le i	AC1/AC21A			
	7.0 1/7.02 17.		_	
			Α	125
	AC15		A	125
	AC15	110V		
	AC15	110V 220/230V	A A A	125 40 28
	AC15		Α	40
	AC15	220/230V	A A	40 28
Rated operational power	er in AC	220/230V 380/400V	A A A	40 28 15
Rated operational power		220/230V 380/400V 660/690V	A A A	40 28 15 5
Rated operational power	er in AC	220/230V 380/400V 660/690V 220/230V	A A A A	40 28 15 5
Rated operational power	er in AC	220/230V 380/400V 660/690V 220/230V 380/440V	A A A A kW kW	40 28 15 5 18.5 37
Rated operational power	er in AC Three-phase AC-3	220/230V 380/400V 660/690V 220/230V	A A A A	40 28 15 5
Rated operational power	er in AC	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V	A A A kW kW kW	40 28 15 5 18.5 37 33
Rated operational power	er in AC Three-phase AC-3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V	A A A A kW kW kW	40 28 15 5 18.5 37 33
Rated operational power	er in AC Three-phase AC-3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V	A A A A kW kW kW	40 28 15 5 18.5 37 33
Rated operational power	er in AC Three-phase AC-3 Single-phase AC-3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V	A A A A kW kW kW	40 28 15 5 18.5 37 33
Rated operational power	er in AC Three-phase AC-3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V 380/440V	A A A A kW kW kW kW	40 28 15 5 18.5 37 33 5 11 15
Rated operational power	er in AC Three-phase AC-3 Single-phase AC-3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V 380/440V	A A A A kW kW kW kW	40 28 15 5 18.5 37 33 5 11 15
Rated operational power	er in AC Three-phase AC-3 Single-phase AC-3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V 380/440V	A A A A kW kW kW kW	40 28 15 5 18.5 37 33 5 11 15
Rated operational power	er in AC Three-phase AC-3 Single-phase AC-3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V 380/440V	A A A A kW kW kW kW kW	40 28 15 5 18.5 37 33 5 11 15
Rated operational power	er in AC Three-phase AC-3 Single-phase AC-3 Three-phase AC23A	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V 380/440V	A A A A kW kW kW kW kW	40 28 15 5 18.5 37 33 5 11 15
Rated operational power	er in AC Three-phase AC-3 Single-phase AC-3 Three-phase AC23A	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V 380/440V 220/230V 380/440V 500/690V	A A A A kW kW kW kW kW kW	40 28 15 5 18.5 37 33 5 11 15 30 45 37





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		380/440V	kW	15
Rated operational cur	rent in DC			
	DC21A			
		48V	Α	125
		60V	Α	80
		110V	A	10
	B0004 (220V	Α	1.2
	DC23A (poles in series)	241/	۸	105 (1)
		24V 48V	A	125 (1)
		48 V 60 V	A	125 (2)
		110V	A A	125 (3) 50 (3)
		220V	A	20 (4)
	DC13	220 V		20 (4)
	DO13	24V	Α	125
		48V	A	100
		60V	A	50
		110V	A	4
Power dissipation			W	6.3
Mechanical features				
Terminals screw				M2X5
Tightening torque for	terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
	3	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				
Motor power for direct				
	for three-phase motor			
		120V	HP	15
		240V	HP	25
		480V	HP	50
	 	600V	HP	40
	for single-phase motor			_
		120V	HP	5
A robiost condition		240V	HP	15
Ambient conditions				
Temperature	On another terms and the			
	Operating temperature		۰.	25
		min	°C °C	-25 - 5
	Character and town and true	max		+55
	Storage temperature	!	°C	40
		min	°C	-40 - 70
		max		+70



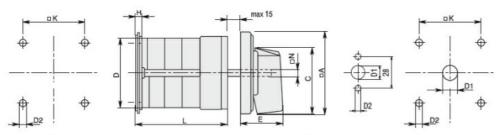
ENERGY AND AUTOMATION

Terminals IP degree

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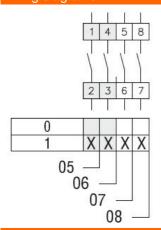
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00

Dimensions



Series	Dimensions							L Number of elements												
Series	□A	С	ØD	ØD2	Е	Η	□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

EAC

UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete