

7GN125260 ROTARY CAM SWITCH 7GN SERIES, 3-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 125A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 90X90MM

				Rotary cam
Product designation				switches
Product type designation				7GN125
General characteristics				26 - 3-phase
Switching diagram				motor reversing switch with spring return
N° of elements				3
Mounting form				O - Rear mounting with black handle
Contact characteristics				black Handlo
Rated insulation voltage				
		IEC/EN UL/CSA	V V	690 600
Rated impulse withstar	nd voltage Uimp		kV	6
Conventional free air th	ermal current Ith			
		IEC/EN	A	125
Detector energian el contra		UL/CSA	A V	130
Rated operational volta Rated operational impu	·		kV	690 6
i	short-circuit protection In (gG)		κv	0
	short broad protection in (go)	10kA	А	125
		15kA	A	100
		25kA	А	100
		50kA	А	100
		63kA	Α	100
Rated short time currer	nt Icw	1s	kA	2100
Conductivity		10	10.1	10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			Α	125
	AC15			10
		110V	A	40
		220/230V 380/400V	A A	28 15
		660/690V	A	5
Rated operational pow	er in AC			
	Three-phase AC-3			
		220/230V	kW	18.5
		380/440V	kW	37
		500/690V	kW	33
	Single-phase AC-3			_
		110V 220/230V	kW kW	5
		220/230V 380/440V	kvv kW	11 15
	Three-phase AC23A	0007700		
		220/230V	kW	30
		380/440V	kW	45
		500/690V	kW	37
	Single-phase AC23A		_	
		110V	kW	5

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		220/230V	kW	11	
		380/440V	kW	15	
Rated operational cu	rrent in DC				
	DC21A				
		48V	А	125	
		60V	А	80	
		110V	A	10	
		220V	A	1.2	
	DC23A (poles in series)	220 V	Λ	1.2	
	DC23A (poles in series)	24V	۸	105 (1)	
			A	125 (1)	
		48V	A	125 (2)	
		60V	Α	125 (3)	
		110V	A	50 (3)	
		220V	Α	20 (4)	
	DC13				
		24V	А	125	
		48V	А	100	
		60V	А	50	
		110V	А	4	
Power dissipation			W	6.3	
Mechanical features			vv	0.0	
Terminals screw				M2X5	
			Nine		
Tightening torque for	terminais 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				
			mm²	2.5	
		min			
		min May			
	Conductor size (IEC) Digid coble	min Max	mm²	50	
	Conductor size (IEC) - Rigid cable	Max	mm²	50	
	Conductor size (IEC) - Rigid cable	Max	mm²	50 2.5	
	Conductor size (IEC) - Rigid cable	Max	mm² mm² mm²	50 2.5 50	
Mechanical life	Conductor size (IEC) - Rigid cable	Max	mm²	50 2.5	
UL technical data		Max	mm² mm² mm²	50 2.5 50	
		Max	mm² mm² mm²	50 2.5 50	
UL technical data		Max	mm² mm² mm²	50 2.5 50	
UL technical data	ct-on-line control	Max	mm² mm² mm²	50 2.5 50	
UL technical data	ct-on-line control	Max min Max 120V	mm ² mm ² cycles	50 2.5 50 1X10 ⁶ 15	
UL technical data	ct-on-line control	Max min Max 120V 240V	mm ² mm ² cycles HP HP	50 2.5 50 1X10 ⁶ 15 25	
UL technical data	ct-on-line control	Max min Max 120V 240V 480V	mm² mm² cycles HP HP HP	50 2.5 50 1X10 ⁶ 15 25 50	
UL technical data	ct-on-line control for three-phase motor	Max min Max 120V 240V	mm ² mm ² cycles HP HP	50 2.5 50 1X10 ⁶ 15 25	
UL technical data	ct-on-line control	Max min Max 120V 240V 480V 600V	mm ² mm ² cycles HP HP HP HP HP	50 2.5 50 1X10 ⁶ 15 25 50 40	
UL technical data	ct-on-line control for three-phase motor	Max min Max 120V 240V 480V 600V 120V	mm ² mm ² cycles HP HP HP HP	50 2.5 50 1X10 ⁶ 15 25 50 40 5	
UL technical data Motor power for direc	ct-on-line control for three-phase motor	Max min Max 120V 240V 480V 600V	mm ² mm ² cycles HP HP HP HP HP	50 2.5 50 1X10 ⁶ 15 25 50 40	
UL technical data Motor power for direct	ct-on-line control for three-phase motor	Max min Max 120V 240V 480V 600V 120V	mm ² mm ² cycles HP HP HP HP	50 2.5 50 1X10 ⁶ 15 25 50 40 5	
UL technical data Motor power for direc	ct-on-line control for three-phase motor for single-phase motor	Max min Max 120V 240V 480V 600V 120V	mm ² mm ² cycles HP HP HP HP	50 2.5 50 1X10 ⁶ 15 25 50 40 5	
UL technical data Motor power for direct	ct-on-line control for three-phase motor	Max min Max 120V 240V 480V 600V 120V	mm ² mm ² cycles HP HP HP HP HP	50 2.5 50 1X10 ⁶ 15 25 50 40 5 15	
UL technical data Motor power for direct	ct-on-line control for three-phase motor for single-phase motor	Max min Max 120V 240V 480V 600V 120V	mm ² mm ² cycles HP HP HP HP HP HP	50 2.5 50 1X10 ⁶ 15 25 50 40 5	
UL technical data Motor power for direct	ct-on-line control for three-phase motor for single-phase motor	Max min Max 120V 240V 480V 600V 120V 240V	mm ² mm ² cycles HP HP HP HP HP	50 2.5 50 1X10 ⁶ 15 25 50 40 5 15	
UL technical data Motor power for direct	ct-on-line control for three-phase motor for single-phase motor Operating temperature	Max min Max 120V 240V 480V 600V 120V 240V	mm ² mm ² cycles HP HP HP HP HP HP	50 2.5 50 1X10 ⁶ 15 25 50 40 5 15 -25	
UL technical data Motor power for direct	ct-on-line control for three-phase motor for single-phase motor	Max min Max 120V 240V 480V 600V 120V 240V	mm ² mm ² cycles HP HP HP HP HP HP	50 2.5 50 1X10 ⁶ 15 25 50 40 5 15 -25	

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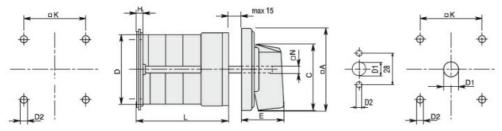


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ENERGY AND AUTOMATION

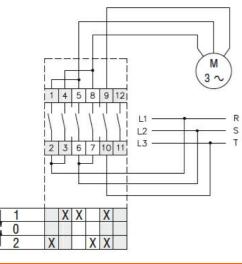
RETURN 125A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 90X90MM





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



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	



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ETIM 8.0

EC001029 -Selector switch, complete

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