

7GN125200 ROTARY CAM SWITCH 7GN SERIES, DAHLANDER MOTOR 2-SPEED REVERSING SWITCH, 125A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 90X90MM

Product designation				Rotary cam switches
Product type designati	ion			7GN125
General characteristics	8			
Switching diagram				20 - Dahlander motor 2-speed reversing switch
N° of elements				6
Mounting form				O - Rear mounting with black handle
Contact characteristics				
Rated insulation voltag	je Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air th	nermal current ith		٨	105
		IEC/EN UL/CSA	A A	125 130
Rated operational volta	200	UL/CSA	X	690
Rated operational imp			kV	6
	r short-circuit protection In (gG)		ιτν	0
	(ge)	10kA	А	125
		15kA	A	100
		25kA	А	100
		50kA	А	100
		63kA	А	100
Rated short time curre	nt Icw	1s	kA	2100
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			Α	125
	AC15			
		110V	А	40
		220/230V	A	28
		380/400V	A	15 5
Rated operational pow	vor in AC	660/690V	A	5
	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
	Single phase AC22A	500/690V	kW	37
	Single-phase AC23A	110V	kW	5
		220/230V	kW	5 11
		220/230 V	17.4.4	

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		380/440V	kW	15
Rated operational cur	rrent in DC			
	DC21A			
		48V	А	125
		60V	Α	80
		110V	A	10
		220V	A	1.2
	DC23A (poles in series)	24V	۸	105 (1)
		24 v 48 V	A A	125 (1) 125 (2)
		40V 60V	A	125 (2)
		110V	A	50 (3)
		220V	A	20 (4)
	DC13			
	2010	24V	А	125
		48V	А	100
		60V	А	50
		110V	А	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			4.4
		min	AWG	14
	Conductor size (IEC) - Flexible cable	Max	AWG	1/0
		min	mm²	2.5
		Max	mm²	50
	Conductor size (IEC) - Rigid cable	max		
		min	mm²	2.5
		Max	mm²	50
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for direc	t-on-line control			
	for three-phase motor			
		120V	HP	15
		240V	HP	25
		480V	HP	50
		600V	HP	40
	for single-phase motor			-
		120V	HP	5
Ambiant conditione		240V	HP	15
Ambient conditions Temperature				
remperature	Operating temperature			
	Operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	Пах		
		min	°C	-40
		max	°Č	+70
		-		

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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

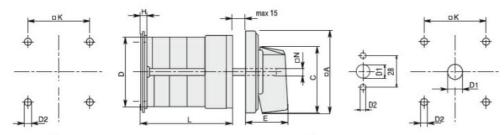
ENERGY AND AUTOMATION

Resistance & Protection

Frontal IP degree

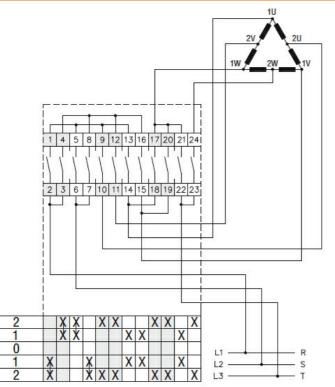
Terminals IP degree

Dimensions



Corios	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	

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Certificates		
	EAC	
	UL	
ETIM classification		
ETIM 8.0		EC001029 - Selector switch, complete