



Product designation			Enclosed rotary
-			cam switch
Product type designation General characteristics			7GN125
			10 - ON/OFF
Switching diagram			switch 3 poles
N° of elements			2
			P - Plastic
Mounting form			enclosure with black handle
Contact characteristics			DIACK HARIULE
Rated insulation voltage Ui			
C C C C C C C C C C C C C C C C C C C	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	А	125
	UL/CSA	A	130
Rated operational voltage		V	690
Rated operational impulse voltage		kV	6
Maximum fuse size for short-circuit protection In (gG)		•	405
	10kA 15kA	A	125
	25kA	A A	100 100
	23kA 50kA	A	100
	63kA	A	100
Rated short time current Icw	00101		100
	1s	А	2100
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	125
AC15			
	110V	А	40
	220/230V	A	28
	380/400V	А	15
	660/690V	A	5
Rated operational power in AC			
Three-phase AC-3	000/0001	L-\\/	10 5
	220/230V 380/440V	kW kW	18.5 37
	500/690V	kW	33
Single-phase AC-3	000/000V	1.1.1	
	110V	kW	5
	220/230V	kW	11
	380/440V	kW	15

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



7GN12510P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 125A IN PLASTIC ENCLOSURE 180X254MM WITH BLACK HANDLE

	Three-phase AC23A			
		220/230V	kW	30
		380/440V	kW	45
		500/690V	kW	37
	Single-phase AC23A			
		110V	kW	5
		220/230V	kW	11
		380/440V	kW	15
Rated operational cur	rrent in DC			
	DC21A			
		48V	А	125
		60V	A	80
		110V	A	10
		220V	A	1.2
		2200	A	1.2
	DC23A (poles in series)	0.01	•	405 (4)
		24V	A	125 (1)
		48V	A	125 (2)
		60V	A	125 (3)
		110V	А	50 (3)
		220V	А	20 (4)
	DC13			
		24V	Α	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	Max	/0	1/0
	AWG - Flexible cable	min	AWG	14
		min		
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable		2	0.5
		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	ct-on-line control			
	for three-phase motor			
		120V	HP	15
		240V	HP	25
		480V	HP	50
		600V	HP	40
	for single-phase motor	0001	•••	
		120V	HP	5
		240V	HP	5 15
Ambient conditions		240 V		10

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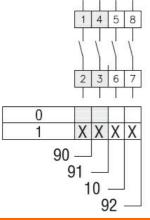


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Temperature

			Opera	ting te	mpera	ature											
			•	Ũ									n	nin	°C	-25	
															°C	+55	
			Storag	ie tem	perati	ire											
			Otorag	,0 10111	porut								m	nin	°C	-40	
															°C	+70	
Resistan	00 8 Dr	otootior	-										111	ал	C	+70	
			1													IDOE	
Frontal II																IP65	
Terminal		gree														IP00	
Dimensic																	
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-								-		-		-11	-				
Series	Enclosure size	Number o	f elements L1	A	A1	C	C1	Dimer D	nsions F	М	N		L1	Cable entry	Protection degree		
7GN12	75x75	1-2	3-4	~		0	01	U		IVI	N N						
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65		
7GN25		1	2-3														
7GN12 7GN20	90x90	1-3	4 - 6 4 - 6	-													
7GN20 7GN25	1 1	1-3	3-4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65		
7GN32	1	1-2	3-4			10		4.0	20	10		11.0	00.0	1/1 010			
7GN40		1	2 - 3	1													
7GN12	110x110	1-4	5 - 8	-													
7GN20 7GN25		1-4 1-3	5-8	-													
7GN25 7GN32	-	1-3	4 - 5 4 - 5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65		
7GN40	1	1-2	3-5	1													
7GN63	1	1-2	3 - 4														
7GN32	125x175	1-3	4 - 5								1						
7GN40		1-2	3-4	125	175	146	112	5.5	32	21	68	84.3	118.3	4xPG21 2xPG11	IP65		
7GN63 7GN125		1-2	3-4	-										ZXPGTT			
7GN32	180x254	1-5	6-8														
7GN40	100/204	1 - 4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65		
7GN63]	1-3	4 - 6	180	204	120	190	5.5	32	30	/0	121	1/5	2xPG11	1200		
7GN125		1 - 2	3 - 4											ļ			
Wiring di	oaromo																

Wiring diagrams



Certifications and compliance Compliance

IEC/EN/BS 60947-1

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	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
Certificates		
	EAC	
ETIM classification		
ETIM 8.0		EC001029 - Selector switch,
		complete

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