



Product designation			Enclosed rotary
ů –			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			
Rated insulation voltage Ui	IEC/EN	V	690
	UL/CSA	V V	600
Rated impulse withstand voltage Uimp	01/03A	kV	6
Conventional free air thermal current Ith		ιτν	0
	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)			
	10kA	А	125
	15kA	А	100
	25kA	А	100
	50kA	A	100
	63kA	A	100
Rated short time current Icw			
On a shorth it.	1s	kA	2100
Conductivity Operational current le IEC/EN			10/5 mA/V
AC1/AC21A			
ACT/ACZTA		А	125
AC15		~	120
	110V	А	40
	220/230V	A	28
	380/400V	А	15
	660/690V	А	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	44014	1.147	-
	110V	kW	5
	220/230V	kW	11

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	/	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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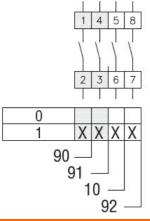


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Temperature

			Operat	ting te	mpera	ature											
			•	0	•								m	nin	°C	-25	
															°C	+55	
			Storag	e tem	nerati	Ire											
			otorag		porun								~	nin	°C	-40	
															°C	-40 +70	
Desisters													m	ax	C	+70	
Resistan			า														
Frontal I	-															IP65	
Terminal	s IP deg	gree														IP00	
Dimensio	ons																
	N		M	-				_M					C1				
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		Number	f elements					Dimor	nione						:		
Series	Enclosure size	L	L1	A	A1	С	C1	Dimen D	F	M	N	L	L1	Cable entry	Protection degree		
7GN12	75x75	1-2	3 - 4			-											
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	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		1 1.0	00.0	mare			
7GN40		1	2-3														
7GN12	110x110	1-4	5 - 8														
7GN20	4	1-4	5-8														
7GN25 7GN32		1-3 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	1-3	3-5														
7GN63	1	1-2	3 - 4														
7GN32	125x175	1-3	4 - 5														
7GN40		1-2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	4xPG21	IP65		
7GN63 7GN125		1-2	3 - 4											2xPG11			
7GN125 7GN32	180x254	1 1-5	2 6-8										-				
7GN32 7GN40	180x254	1-5	5-7											4xPG29			
7GN63	1	1-3	4 - 6	180	254	120	190	5.5	32	35	76	121	175	2xPG11	IP65		
7GN125		1-2	3 - 4														
Wiring di																	

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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