

## **7GN2584P** ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4-5, 1 POLE 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

Product designation				Enclosed rotary
Product type designat	lion			cam switch 7GN25
General characteristic				7 GIN25
Switching diagram				84 - Multi-step 1- 2-3-4-5 1 pole
N° of elements				3
Mounting form				P - Plastic enclosure with black handle
Contact characteristic	S			
Rated insulation voltage	ge Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air t	hermal current Ith			
		IEC/EN	A	25
Datad aparational valt	10.00	UL/CSA	A V	30 480
Rated operational volt Rated operational imp	-		kV	480
	r short-circuit protection In (gG)		κv	4
Maximum ruse size to	short-circuit protection in (gC)	10kA	А	25
		15kA	A	25
		25kA	A	25
Rated short time curre	ent Icw			
		1s	kA	400
Conductivity				10/5 mA/V
Operational current le	EC/EN			
	AC1/AC21A			
			A	25
	AC15			
		110V	A	16
		220/230V	A	12
		380/400V 660/690V	A A	8 2
Rated operational pov	ver in AC.	000/030 V	~	2
	Three-phase AC-3			
		220/230V	kW	5.5
		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC-3			
		110V	kW	1.5
		220/230V	kW	3
		380/440V	kW	5.5
	Three-phase AC23A	000/0001/	1.1.47	0.5
		220/230V	kW	6.5
		380/440V 500/690V	kW kW	11 11
	Single-phase AC23A	300/0907	r v v	11
	Ungre-phase AuzoA	110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational cur	rent in DC			

## Rated operational current in DC

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	DC21A			
		48V	А	25
		60V	A	25
		110V	A	4
		220V	Α	0.7
	DC23A (poles in series)		_	(1)
		24V	A	25 (1)
		48V	А	25 (2)
		60V	Α	25 (3)
		110V	Α	12 (3)
		220V	А	10 (4)
	DC13			
		24V	А	25
		48V	A	20
		60V	A	16
		110V		
			A	1.5
<u> </u>		220V	<u>A</u>	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for te	erminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	U U	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	IVICIA	/	10
	AWG - I lexible cable	min	AWG	20
		min		20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	_	_	
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10⁰
UL technical data			ý	
Motor power for direct-	on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
-	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature	Παλ	0	
	Storage temperature		°C	40
		min		-40
		max	°C	+70
Resistance & Protection	on and a second s			

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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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Frontal IF	P degre	е														IP65	
Terminal	s IP deg	gree														IP00	
Dimensio	ons	-															
		· · · ·							R		F.	+ + +		°	k K		
Series	Enclosure size	Number o	f elements					Dime						Cable	Protection degree		
7GN12		L 1-2	L1 3 - 4	A	A1	C	C1	D	F	M	N	L	L1	entry	ueyree		
7GN20	75x75	1-2	3-4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65		
7GN25	1	1	2-3								20		10.0	in a rolo			
7GN12	90x90	1-3	4 - 6														
7GN20		1-3	4 - 6	2408	1963	1983	1942	3505-2	1953	1929	363	20088	0.000				
7GN25		1-2	3-4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65		
7GN32 7GN40	-	1-2	3-4 2-3														
7GN40 7GN12	110x110	1-4	5-8			-	-	-	-		-		-				
7GN20	TIUXIIU	1-4	5-8														
7GN25	1	1-3	4 - 5														
7GN32	1	1-3	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	]	1-2	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		1-2	3 - 4	120				0.0	02	2.		00	110.0	2xPG11			
7GN125	111-11-112-11-110	1	2									-	-				
7GN32	180x254	1-5	6-8											4 0000			
7GN40 7GN63	-	1-4	5-7	180	254	120	190	5.5	32	35	76	121	175	4xPG29 2xPG11	IP65		
7GN03 7GN125		1-3	4-6 3-4											225611			
Wiring di	+		3-4														
winng un	agrams																

		X		 2
X		~		3
			χ	4
Κ	Х			5

C		
Certifications and co	ompliance	
Compliance		
	IEC/EN/BS 60947-1	
	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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