

7GN2587P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 2 POLES 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

Product designation				Enclosed rotary
Product type designation				cam switch 7GN25
General characteristics				7GN25
Switching diagram				87 - Multi-step 1- 2-3-4 2 poles
N° of elements				4
Mounting form				P - Plastic enclosure with black handle
Contact characteristics				
Rated insulation voltage l	Ji			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstand			kV	6
Conventional free air ther	mal current Ith			05
		IEC/EN	A	25
Deted energianal values		UL/CSA	A V	30
Rated operational voltage Rated operational impuls			kV	480 4
i	nort-circuit protection In (gG)		ĸv	4
	ion-circuit protection in (gO)	10kA	А	25
		15kA	A	25
		25kA	A	25
Rated short time current	Icw			
		1s	kA	400
Conductivity				10/5 mA/V
Operational current le IE	C/EN			
A	AC1/AC21A			
_			Α	25
Ą	AC15			
		110V	A	16
		220/230V	A	12
		380/400V	A	8
Dated operational power	in AC	660/690V	A	2
Rated operational power	In AC Three-phase AC-3			
I	moo-phase AO-3	220/230V	kW	5.5
		380/440V	kW	7.5
		500/690V	kW	7.5
5	Single-phase AC-3			
	- .	110V	kW	1.5
		220/230V	kW	3
_		380/440V	kW	5.5
T	Three-phase AC23A			
		220/230V	kW	6.5
		380/440V	kW	11
-		500/690V	kW	11
S	Single-phase AC23A	44014	1.3.47	4 5
		110V	kW	1.5
		220/230V 380/440V	kW kW	3.7 5.5
Rated operational current		300/440V	r\ v V	0.0

Rated operational current in DC

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	DC21A			
		48V	А	25
		60V	А	25
		110V	А	4
		220V	A	0.7
	DC23A (poles in series)			
		24V	А	25 (1)
		48V	A	25 (2)
		40V 60V	A	25 (3)
		110V	A	12 (3)
		220V	A	10 (4)
	DC13	2200	~	10 (4)
	DC13	24V	А	25
		24 V 48 V		
			A	20
		60V	A	16
		110V	A	1.5
		220V	A	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			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	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	5x10 ⁶
UL technical data			0,0100	UNIT OF THE OWNER
Motor power for direct-	on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		240V 480V	HP	10
		480V 600V	HP	15
	for single-phase motor	000 0	1.11*	10
	ior single-phase motor	120V	HP	1.5
Ambient conditions		240V	HP	3
Temperature				
	Operating temperature		•	05
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protectio	n and a second			

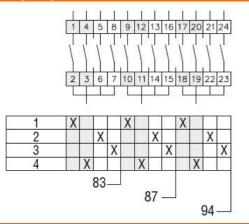
7GN2587P The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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Frontal IP degree													IP65			
Terminals IP degree											IP00					
Dimensions																
	< N >					-		R 		F	- -					
Series	Enclosure	Number of elem		A1	C	C1	Dimer D	rsions F	M	N		L1	Cable entry	Protection degree		
7GN12	75x75		1 A	AI	U U	61	U	r	IVI	N	L	LI	onuy	utgree	1	
7GN20	13,13	1-2 3.		75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65		
7GN25	1		- 3													
7GN12	90x90	1-3 4.														
7GN20	4	1-3 4.			100											
7GN25	4	1-2 3-		90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65		
7GN32		1-2 3-	- 4													
7GN40		1 2.								-	-				ŧ.	
7GN12	110x110	1-4 5	. 8													
7GN20	4		8													
7GN25 7GN32	- 2	1-3 4-	· 5 110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65		
	-															
7GN40 7GN63		1-2 3- 1-2 3-	5													
7GN32	105 175		- 5	-					10						9	
7GN32 7GN40	125x175		4 105										4xPG21			
7GN63	-		4 125	175	146	112	5.5	32	21	68	84.3	118.3	2xPG11	IP65		
7GN125			2										ZAPOTT			
7GN32	1		8	-					-						6	
7GN40	180x254		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-											and all			
Wiring di	•															
and a second																



Certifications and compliance Compliance IEC/EN/BS 60947-1 IEC/EN/BS 60947-3 IEC/EN/BS 60947-5-1 Certificates EAC ETIM classification ETIM 8.0 ECO01029 Selector switch, complete

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