

7GN25108P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3, 1 POLE 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

				Enclosed rotary
Product designation				cam switch
Product type designat				7GN25
General characteristic	S			108 - Multi-step
Switching diagram				0-1-2-3 1 pole
N° of elements				2
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	thermal current Ith		•	05
		IEC/EN UL/CSA	A	25 30
Pated operational volt	1200	UL/CSA	A V	480
Rated operational volt Rated operational imp	-		kV	400
·	r short-circuit protection In (gG)		ΓV	4
	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	44014		4.0
		110V	A	16
		220/230V 380/400V	A A	12 8
		660/690V	A	2
Rated operational pow	ver in AC	000/0307	7.	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	1-1.1.1	6.5
		220/230V 380/440V	kW kW	6.5 11
		500/690V	kw kW	11
	Single-phase AC23A	500/030V	17.6.6	
		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)		_	(
		24V	A	25 (1)
		48V	A	25 (2)
		60V	A	25 (3)
		110V	A	12 (3)
		220V	A	10 (4)
	DC13	241/	^	05
		24V	A	25
		48V	A	20
		60V	A	16
		110V	A	1.5
Power dissipation		220V	A W	0.4
Mechanical features			VV	1.1
Terminals screw				M3.5
Tightening torque for to	erminals may		Nm	0.8
Conductor size				0.0
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	IVICA	700	10
		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			,	
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			
		min	°C	-40
Resistance & Protection		max	°C	+70

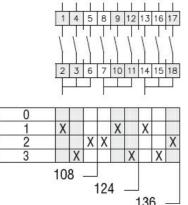
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 The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently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



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Frontal IP degree IP65											IP65					
Terminals IP degree IP00											IP00					
Dimensio	ns															
							-		R 			- +	C1	o o 	i E	
Series	Enclosure size	Number of			A.4	С	C1	Dimer D	isions F		N		L1	Cable entry	Protection degree	
7GN12	75x75	L 1-2	L1 3 - 4	A	A1	U.	61	U	r	М	N	L	LI	onuy	uogioo	
7GN20	13413	1-2	3-4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65	
7GN25		1	2 - 3													
	90x90	1-3	4 - 6													
7GN20		1-3	4 - 6	10000	1000		1542.55	982/02/0	1021-0		10072				10000000	
7GN25		1-2	3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65	
7GN32		1-2	3 - 4													
7GN40		1	2 - 3													
7GN12	110x110	1-4	5 - 8													
7GN20		1-4	5 - 8													
7GN25		1-3	4 - 5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65	
7GN32		1-3	4 - 5	110	110	50.4	05	4.5	52	21	09.0	00.0	113.5	471.021	1100	
7GN40		1-2	3 - 5													
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	125	175	140	112	0.0	32	21	00	04.3	110.5	2xPG11	IFUU	
7GN125		1	2													
7GN32	180x254	1-5	6 - 8													
7GN40		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	70	121	1/5	2xPG11	100	
7GN125		1-2	3 - 4													
Wiring dia	grams															



	130 —	
Certifications and com	pliance	
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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