

## **7GN1284P** ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4-5, 1 POLE 16A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

Product designation			Enclosed rotary
Product type designation			cam switch 7GN12
General characteristics			/ GIVIZ
Switching diagram			84 - Multi-step 1- 2-3-4-5 1 pole
N° of elements			3
			P - Plastic
Mounting form			enclosure with black handle
Contact characteristics			black handle
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	A	16
	UL/CSA	A	15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	۸	16
	10kA 15kA	A A	16 10
	25kA	A	10
Rated short time current Icw	20104	Α	10
	1s	А	200
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	16
AC15			
	110V	А	10
	220/230V	А	8
	380/400V	A	4
	660/690V	А	1.5
Rated operational power in AC			
Three-phase AC-3	220/2201/	L\\/	0 F
	220/230V 380/440V	kW kW	2.5 4
	500/440V 500/690V	kW	5.5
Single-phase AC-3	000/0001		0.0
	110V	kW	0.8
	220/230V	kW	1.5
	380/440V	kW	2.2
Three-phase AC23A			
	220/230V	kW	3
	380/440V	kW	5.5
	500/690V	kW	7.5
Single-phase AC23A			
	110V	kW	0.8
	220/230V	kW	1.7
Rated operational current in DC	380/440V	kW	3

## Rated operational current in DC

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	DC21A			
	502.07	48V	А	12
		60V	A	12
		110V	A	4
		220V	A	0.6
		440V	A	0.25
		440 V	A	0.25
	DC23A (poles in series)	0.417	^	40 (4)
		24V	A	10 (1)
		48V	A	10 (2)
		60V	A	10 (3)
		110V	A	5 (3)
		220V	A	5 (4)
	DC13			
		24V	А	12
		48V	А	10
		60V	А	8
		110V	А	1
		220V	А	0.4
		440V	А	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for to	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	J J	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable	Max	/0	
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) Bigid coble	IVIAX	111111	2.0
	Conductor size (IEC) - Rigid cable			0.5
		min	mm²	0.5
March and a life		Max	mm²	2.5
Mechanical life			cycles	3x10 <sup>6</sup>
UL technical data	and Parameters			
Motor power for direct				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
	for single-phase motor			
		120V	HP	0.5
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature		_	
		min	°C	-40
		max	°C	+70
Resistance & Protecti				

Resistance & Protection

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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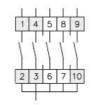
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IP65

IP00

Carries	Enclosure	Number o	f elements	Dimensions					Cable	Protection					
Series	size	L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	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	90x90	1-3	4 - 6												
7GN20	]	1-3	4 - 6	1-212										293 T 253 C 255 B 257	
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	03	4.0	52	21	39.5	00.0	119.5	47.021	IF00
7GN40		1-2	3 - 5												
7GN63		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	IP65
7GN63		1 - 2	3 - 4	125	1/5	140	112	0.0	52	21	00	04.0	110.5	2xPG11	IFOS
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	100	2.04	120	130	0.0	52	- 55	10	121	1/5	2xPG11	1100
7GN125		1-2	3 - 4												

Wiring diagrams



+		V		^	-
-	_	X		_	2
X	a				3
			Х		4
	X				5

84—	-	
Certifications and comp	bliance	
Compliance		
	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
Certificates		
	EAC	
ETIM classification		
		EC001029 -
ETIM 8.0		Selector switch, complete

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