

## **7GN3293P** ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3, 3 POLES 32A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

			Enclosed rotary
Product designation			cam switch
Product type designation			7GN32
General characteristics			
Switching diagram			93 - Multi-step 1- 2-3 3 poles
N° of elements			5
Mounting form			P - Plastic enclosure with black handle
Contact characteristics			
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	32
	UL/CSA	<u>A</u>	40
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	А	32
	15kA	A	32
	25kA	A	32
	50kA	A	32
Rated short time current Icw			
	1s	kA	800
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	32
AC15			
	110V	A	25
	220/230V	A	20
	380/400V 660/690V	A A	10 2
Rated operational power in AC	000/0901	A	2
Three-phase AC-3			
	220/230V	kW	7.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC-3			
	110V	kW	2.2
	220/230V	kW	4
	380/440V	kW	6.5
Three-phase AC23A	000/0001/	1.1.1/	0
	220/230V 380/440V	kW kW	8 15
	500/690V	kW	18.5
Single-phase AC23A	500/030V	17.6.6	10.0
	110V	kW	2.2
	220/230V	kW	4
	380/440V	kW	7.5

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Rated operational cu	rrent in DC			
	DC21A			
		48V	А	32
		60V	A	32
		110V	Α	6
		220V	Α	0.9
	DC23A (poles in series)			
		24V	А	32 (1)
		48V	A	32 (2)
		60V	A	32 (3)
		110V	А	15 (3)
		220V	А	12 (4)
	DC13			
		24V	А	32
		48V		
			A	25
		60V	А	16
		110V	Α	3
		220V	А	0.5
Power dissipation			W	1.5
Mechanical features				
				N44
Terminals screw				M4
Tightening torque for	terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	1.5
		Max	mm²	6
Mechanical life			cycles	5x10 <sup>6</sup>
			Cycles	5×10
UL technical data				
Motor power for direc				
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V		
			HP	15
		600V	HP	15
	for single-phase motor			
		120V	HP	2
		240V	HP	5
Ambient conditions		2.07		-
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature		-	
	oloraye lemperature		° <b>^</b>	40
		min	°C	-40
		max	°C	+70

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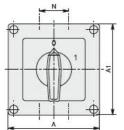
ENERGY AND AUTOMATION

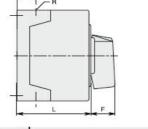
## Resistance & Protection

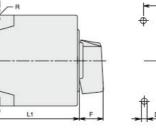
Frontal IP degree

# Terminals IP degree

Dimensions







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	—— o
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-> - D	

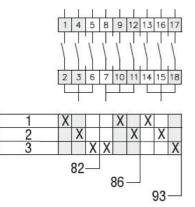
C1

IP65

IP00

Series	Enclosure	Number o	f elements	Dimensions					Cable	Protection					
	size	L	L1	Α	A1	С	C1	D	F	М	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						1.000						
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	20000	2967.3	0.8565									
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	90.4	03	4.5	32	21	39.5	00.0	119.5	47.621	IF05
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1-3	4 - 5												
7GN40	2010/00/00/00/00/00/00/00/00/00/00/00/00/	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	5.5	32	21	00	04.5	110.5	2xPG11	IP00
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 2xPG11	IP65
7GN63		1 - 3	4 - 6					0.0							
7GN125		1-2	3 - 4											ļ	

#### Wiring diagrams



Certifications and c	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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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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