7GN2591P

EIECTIC ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

Product designation				Enclosed rotary
Product type designati	on			cam switch 7GN25
General characteristics				761125
Switching diagram				91 - ON/OFF
				switch 2 poles
N° of elements				1 P - Plastic
Mounting form				enclosure with black handle
Contact characteristics	3			
Rated insulation voltag	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar			kV	6
Conventional free air th	nermal current Ith		۸	05
		IEC/EN UL/CSA	A	25 30
Rated operational volta	200	UL/CSA	A V	480
Rated operational imp			kV	400
	short-circuit protection In (gG)		ΝV	4
	short circuit protection in (gC)	10kA	А	25
		15kA	A	25
		25kA	А	25
Rated short time curre	nt Icw			
		1s	А	400
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			A	25
	AC15	44014		4.0
		110V 220/230V	A	16
		220/230V 380/400V	A A	12 8
		660/690V	A	2
Rated operational pow	er in AC	000/0001	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	220/2201/	L\\/	6 5
		220/230V 380/440V	kW kW	6.5 11
		500/690V	kW	11
	Single-phase AC23A	000/000		
		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
	11 00			

Rated operational current in DC

ENERGY AND AUTOMATION

7GN2591P

ENERGY AND AUTOMATION

7GN2591P electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

	Death			
	DC21A	4014		0.5
		48V	A	25
		60V	А	25
		110V	Α	4
		220V	А	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			
		24V	Α	25
		48V	Α	20
		60V	А	16
		110V	А	1.5
		220V	A	0.4
Power discinction		220 V	W	1.1
Power dissipation			٧V	1.1
Mechanical features				N/0 5
Terminals screw				M3.5
Tightening torque for to	erminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	-	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	i i i co i	/0	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		i i i co i	cycles	5x10 ⁶
UL technical data			Cycles	5×10
	and Provide the I			
Motor power for direct				
	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		24U V		5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection	on	max	U	

7GN2591P

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

7GN2591P

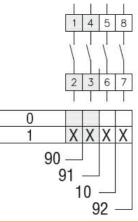
electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 25A IN PLASTIC

ENERGY AND AUTOMATION

ENCLOSURE 75X75MM WITH BLACK HANDLE

Frontal IP degree Terminals IP degree													IP65 IP00
Dimensions													
						R 		-	- -		°	i K	
Series Enclosure Number of elements	A	A1	С	C1	Dimer D	isions F	M	N		L1	Cable entry	Protection degree	
7GN12 75x75 1 - 2 3 - 4 7GN20 1 - 2 3 - 4 7GN25 1 2 - 3	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65	
7GN25 1 2 3 4 6 7GN20 1-3 4-6 1-3 4-6 7GN25 1-2 3-4 3 4 7GN25 1-2 3-4 3 4 3 4 6 1 2 3 4 3 4 6 1 2 3 4 3 4 6 1 2 3 4 3 4 6 1 1 2 3 4 3 4 6 1 1 2 3 4 6 1 1 2 3 4 1 1 2 3 4 1 1 3 4 6 1 1 3 4 1 1 3 4 1 1 3 4 1 1 3 4 1 1 3 4 1 1 3 4 1 1 3 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65	
7GN12 110x110 1 - 4 5 - 8 7GN20 1 - 4 5 - 8 7GN25 1 - 3 4 - 5 7GN32 1 - 3 4 - 5 7GN40 1 - 2 3 - 5 7GN63 1 - 2 3 - 4	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65	
7GN32 125x175 1 - 3 4 - 5 7GN40 1 - 2 3 - 4 7GN63 1 - 2 3 - 4 7GN125 1 2 3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	4xPG21 2xPG11	IP65	
7GN32 180x254 1 - 5 6 - 8 7GN40 1 - 4 5 - 7 7GN63 1 - 3 4 - 6 7GN125 1 - 2 3 - 4	180	254	120	190	5.5	32	35	76	121	175	4xPG29 2xPG11	IP65	

Wiring diagrams



Certifications and compliance

Compliance

TIM classification		
	EAC	
Certificates		
	IEC/EN/BS 60947-5-1	
	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-1	
Jomphance		

ETIM 8.0

С

E

EC001029 -Selector switch, complete

7GN2591P