

7GN25110P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4-5, 1 POLE 25A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

Product designation			Enclosed rotar cam switch
Product type designation			7GN25
General characteristics			110 - Multi-ster
Switching diagram			0-1-2-3-4-5 1 pole
N° of elements			3
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	А	25
	UL/CSA	А	30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	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 IEC/EN			
AC1/AC21A			
		A	25
AC15			
	110V	A	16
	220/230V	A	12
	380/400V	A	8
	660/690V	A	2
Rated operational power in AC			
Three-phase AC-3		1.1.47	E E
	220/230V	kW	5.5
	380/440V	kW	7.5 7.5
Single-phase AC-3	500/690V	kW	7.5
Single-phase AC-3	110V	kW	15
	220/230V	kvv kW	1.5 3
	220/230V 380/440V	kW	3 5.5
Three-phase AC23A	30U/44UV	K V V	0.0
THEE-phase AU23A	220/230V	kW	6.5
	220/230V 380/440V	kW	6.5 11
	380/440V 500/690V	kvv kW	11
Single-phase AC23A	000/090V	K V V	11
Single-phase AC23A	110V	kW	1.5
	220/230V	kvv kW	3.7
	220/230V 380/440V		
Rated operational current in DC	300/4407	kW	5.5

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7GN25110P

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ENERGY AND AUTOMATION

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	DC21A			
		48V	А	25
		40V 60V	A	25
		110V	A	4
		220V	A	0.7
	DC23A (poles in series)			
		24V	A	25 (1)
		48V	Α	25 (2)
		60V	А	25 (3)
		110V	А	12 (3)
		220V	А	10 (4)
	DC13			
		24V	А	25
		48V	A	20
		40V 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 t	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
NA 1 1 110		Max	mm²	4
Mechanical life			cycles	5x10⁵
UL technical data				
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
A male is not a second it:		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on	max	J	

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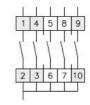


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Wiring diagrams



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Certifications and con	npliance	
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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