

7GN2586P

Product designation			Enclosed rotary cam switch
Product type designation General characteristics			7GN25
Switching diagram			86 - Multi-step 1- 2-3 2 poles
N° of elements			3
Mounting form			P - Plastic enclosure with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	01,00,1	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
Data balanti'na a suath	25kA	A	25
Rated short time current Icw	1s	kA	400
Conductivity	15	КА	10/5 mA/V
Operational current le IEC/EN			10/5 IIIA/ V
AC1/AC21A			
		А	25
AC15			
	110V	А	16
	220/230V	А	12
	380/400V	А	8
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	5.5
	380/440V 500/690V	kW kW	7.5 7.5
Single-phase AC-3	300/090 v	K V V	7.5
Single-phase AC-5	110V	kW	1.5
	220/230V	kW	3
	380/440V	kW	5.5
Three-phase AC23A			
·	220/230V	kW	6.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC23A			
	110V	kW	1.5
	220/230V	kW	3.7
Rated operational current in DC	380/440V	kW	5.5

## Rated operational current in DC

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	DC21A			
	DCZTA	48V	А	25
		60V	A	25
		110V	A	4
		220V	A	0.7
	DC23A (poles in series)			
	u ,	24V	А	25 (1)
		48V	А	25 (2)
		60V	А	25 (3)
		110V	А	12 (3)
		220V	Α	10 (4)
	DC13			
		24V	А	25
		48V	А	20
		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 te	erminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			00
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			0.5
		min Max	mm² mm²	0.5
	Conductor cize (IEC) Digid coble	IVIAX		4
	Conductor size (IEC) - Rigid cable	min	mm²	0.5
		Max	mm²	4
Mechanical life		IVIAN	cycles	5x10 <sup>6</sup>
UL technical data			Cycles	5×10
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			
	<u> </u>	120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection				

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



ENERGY AND AUTOMATION

Frontal IP degree	IP65
Terminals IP degree	IP00
ETIM classification	
ETIM 8.0	EC001029 - Selector switch, complete