

## **7GN1213P25** ENCLOSED ROTARY CAM SWITCH 7GN SERIES, DAHLANDER MOTOR CONTROL SWITCH 1-0-2, 16A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE

			Enclosed rotary
Product designation			cam switch
Product type designation			7GN12
General characteristics			13 - Dahlander
Switching diagram			motor control switch 1-0-2
N° of elements			4
Mounting form			P25 - Plastic enclosure with red/yellow handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	<u>V</u>	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEC/EN	^	16
	UL/CSA	A A	16 15
Rated operational voltage	01/03A	 V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	16
	15kA	А	10
	25kA	Α	10
Rated short time current Icw			
	1s	Α	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	А	4
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3	000/000)/	1.3.47	0.5
	220/230V 380/440V	kW kW	2.5 4
	500/690V	kW	4 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	44014	1.3.67	0.0
	110V	kW	0.8
	220/230V 380/440V	kW kW	1.7 3
	500/440V	ΛVV	0

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Rated operational cu	urrent in DC			
	DC21A			
	DOZTA	48V	А	12
		48V 60V	A	12
		110V	A	4
		220V		4 0.6
		440V	A	
		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	Α	5 (4)
	DC13		_	
		24V	A	12
		48V	Α	10
		60V	Α	8
		110V	Α	1
		220V	А	0.4
		440V	Α	0.15
Power dissipation Mechanical features			W	0.8
Ferminals screw				M3
	r terminolo mov		Nm	0.5
Fightening torque fo			INITI	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10⁰
JL technical data				
Notor power for dire	ect-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
	for single-phase motor			
		120V	HP	0.5
		240V	HP	1
Ambient conditions				
emperature				
	Operating temperature			
		min	°C	-25
		max	°Č	+55
	Storage temperature	inax		
		min	°C	-40
		max	°C	+70
		Παλ	0	

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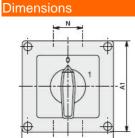
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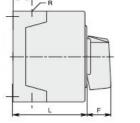
ENERGY AND AUTOMATION

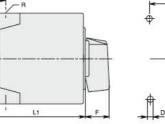
Resistance & Protection

Frontal IP degree

Terminals IP degree







IP00

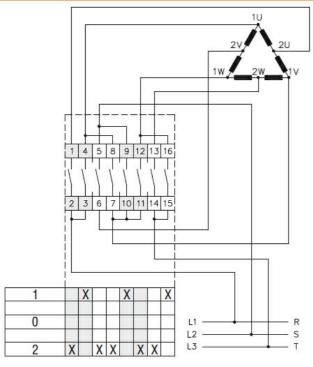
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IP65

Series Enclosure Number of element			f elements	Dimensions									Cable	Protection	
Series Size	L	L1	Α	A1	C	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				-		20000					
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	1											
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	4.0	32	21	39.5	00.0	119.5	475621	1600
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5					1							
7GN40	2019-00000000000000000000000000000000000	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	04.3	110.3	2xPG11	IPOD
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	160	204	120	190	5.5	32	30	10	121	1/5	2xPG11	1700
7GN125	]	1-2	3 - 4												

Wiring diagrams



## Certifications and compliance Compliance

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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	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
Certificates		
	EAC	
ETIM classification		
		EC001029 -

ETIM 8.0

EC001029 -Selector switch, complete

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