

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, DAHLANDER MOTOR CONTROL SWITCH 1-0-2, 32A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Product designation			Rotary cam
-			switches 7GN32
Product type designation General characteristics			7 GN32
Switching diagram			13 - Dahlander motor control switch 1-0-2
N° of elements			4
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	Α	32
	UL/CSA	A	40
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		_	
	10kA	A	32
	15kA 25kA	A	32 32
	25KA 50kA	A A	32 32
Rated short time current lcw	JUKA		32
Nated Short time current icw	1s	kA	800
Conductivity	13	IVA	10/5 mA/V
Operational current le IEC/EN			10/0 111/0 0
AC1/AC21A			
		Α	32
AC15			
	110V	Α	25
	220/230V	Α	20
	380/400V	Α	10
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	7.5
	380/440V	kW	11
0'	500/690V	kW	11
Single-phase AC-3	44017	1.7.67	0.0
	110V	kW	2.2
	220/230V 380/440V	kW kW	4 6.5
Three-phase AC23A	300/4407	r. v v	0.0
Tillee-pilase AO23A	220/230V	kW	8
	380/440V	kW	15
	500/440V	kW	18.5
Single-phase AC23A	300,000	,	
5g.o p.1.000 / 1020/ 1	110V	kW	2.2
	220/230V	kW	4
	380/440V	kW	7.5

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Rated operational cur	rrent in DC			
'	DC21A			
		48V	Α	32
		60V	Α	32
		110V	Α	6
		220V	Α	0.9
	DC23A (poles in series)			
	,	24V	Α	32 (1)
		48V	Α	32 (2)
		60V	Α	32 (3)
		110V	Α	15 (3)
		220V	Α	12 (4)
	DC13			
		24V	Α	32
		48V	Α	25
		60V	Α	16
		110V	Α	3
		220V	Α	0.5
Power dissipation			W	1.5
Mechanical features				
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 ⁶
UL technical data				
Motor power for direc				
	for three-phase motor			_
		120V	HP	5
		240V	HP	10
		480V	HP	15
	for almula who are seed to	600V	HP	15
	for single-phase motor	4001/	LID	0
		120V	HP	2
Ambient conditions		240V	HP	5
Ambient conditions				
Temperature	Operating temperature			
	Operating temperature	main	°C	25
		min	°C	-25 +55
	Storage temperature	max	U	TJU
	Storage temperature	min	°C	-40
			°C	-40 +70
		max		T/U

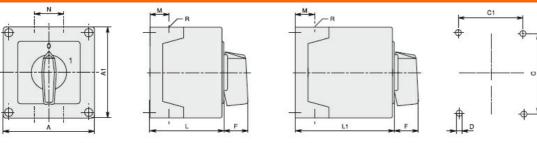
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Resistance & Protection

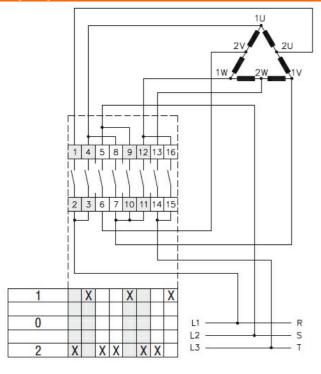
Frontal IP degree IP65
Terminals IP degree IP00

Dimensions



Series	Enclosure size	Number o	f elements	Dimensions								Cable	Protection		
Series		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			0.00	100000	10000000	2000	100000				200000000000000000000000000000000000000	100000000000000000000000000000000000000
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							337.55					31-30-34-17
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	30.4	00	4.5	32	21	39.3	00.0	119.5	47.5021	11.00
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												191
7GN40		1 - 2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	4xPG21	IP65
7GN63		1 - 2	3 - 4	123	173	140	112	0.0	32	21	00	04.0	110.5	2xPG11	11 00
7GN125		1	2							,					
7GN32	180x254	1 - 5	6 - 8												
7GN40	1	1 - 4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63]	1 - 3	4 - 6	100	234	120	130	0.0	02	33	,,,	121	1/3	2xPG11	11 00
7GN125		1-2	3 - 4												

Wiring diagrams



Certifications and compliance

Compliance



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7GN3213P

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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