

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, DAHLANDER MOTOR CONTROL SWITCH 1-0-2, 40A IN PLASTIC ENCLOSURE 110X110MM WITH RED/YELLOW HANDLE

Des deset de sina etica				Enclosed rotary
Product designation				cam switch
Product type designation	n			7GN40
General characteristics				
Switching diagram				13 - Dahlander motor control
				switch 1-0-2
N° of elements				4
Mounting form				enclosure with red/yellow handle
Contact characteristics				
Rated insulation voltage	· Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstand	d voltage Uimp		7GN40 13 - Dahlander motor control switch 1-0-2 4 P25 - Plastic enclosure with red/yellow handle C/EN V 690 /CSA V 600 kV 6 C/EN A 40 /CSA A 50 V 480 kV 4 10kA A 40 15kA A 40 25kA A 40 50kA A 40 63kA A 40 63kA A 40 10/5 mA/V A 40 110V A 25 230V A 22 2400V A 12 690V A 2 230V kW 8 2440V kW 15 690V kW 15 110V kW 3 230V kW 8 2440V kW 15 230V kW 8 2440V kW 18.5	
Conventional free air the	ermal current Ith			
		IEC/EN	Α	40
		UL/CSA		50
Rated operational voltage	ge		V	480
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)			
			Α	
			Α	
			Α	
			Α	
		63kA	A	40
Rated short time curren	t Icw			
		1s	kA	
Conductivity				10/5 mA/V
Operational current le II				
	AC1/AC21A			
			A	40
	AC15		_	
		220/230V		
		380/400V		
Defection of contract		660/690V	Α	2
Rated operational power				
	Three-phase AC-3	200/2201/	14/4/	0
		220/230V		
		380/440V 500/690V		
	Single-phase AC-3	300/090V	r. v v	10
	olligie-pilase AU-3	110\/	L/V /	3
		220/230V		
		380/440V		
	Three-phase AC23A	300/770V	17.4.4	
	THISO PHASO NOZON	220/230V	kW	8
		380/440V		
		500/690V		
	Single-phase AC23A	230,000		
	5 1	110V	kW	3
		220/230V	kW	6



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		380/440V	kW	11
Rated operational cur	rent in DC			
	DC21A			
		48V	Α	40
		60V	Α	40
		110V	A	6
	B0004 (220V	Α	0.9
	DC23A (poles in series)	241/	۸	40 (4)
		24V 48V	A A	40 (1)
		60V	A	40 (2) 40 (3)
		110V	A	20 (3)
		220V	A	12 (4)
	DC13	2201	,,	12 (1)
	5010	24V	Α	40
		48V	A	32
		60V	Α	16
		110V	Α	3
Power dissipation			W	2.0
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
	0 1 1 1 (150) 5: :1 11	Max	mm²	6
	Conductor size (IEC) - Rigid cable	!		4.5
		min Mov	mm²	1.5
Mechanical life		Max	mm²	10 5x10 ⁶
UL technical data			cycles	5X IU*
Motor power for direc	t-on-line control			
wotor power for direc	for three-phase motor			
	.s. thoo phase motor	120V	HP	5
		240V	HP	10
		480V	HP	20
		600V	HP	20
	for single-phase motor			
	•	120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

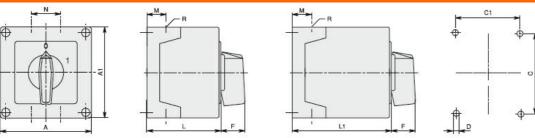
ENERGY AND AUTOMATION

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, DAHLANDER MOTOR CONTROL SWITCH 1-0-2, 40A IN PLASTIC ENCLOSURE 110X110MM WITH RED/YELLOW HANDLE

Resistance & Protection

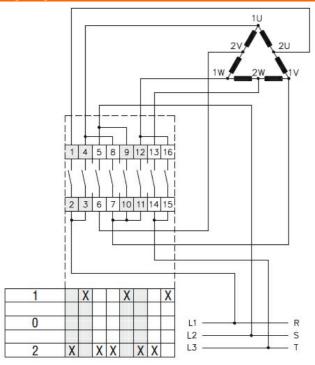
Frontal IP degree IP65
Terminals IP degree IP00

Dimensions



Series	Enclosure size	Number o	f elements	Dimensions								Cable	Protection		
		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	50.00	1000		10000	9800000	46250	10000	1000		1000000	200 12 12 12 12 12 12 12	1000000000
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												
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	39.5	00.0	113.5	4/1/021	11 03
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 - 4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63	1	1 - 3	4 - 6	100	234	120	130	0.0	52	33	10	121	1/3	2xPG11	11 00
7GN125		1-2	3 - 4												

Wiring diagrams



Certifications and compliance

Compliance





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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