

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, DAHLANDER MOTOR CONTROL SWITCH 1-0-2, 63A IN PLASTIC ENCLOSURE 125X175MM WITH BLACK HANDLE

Product designation			Rotary cam switches
Product type designation			7GN63
General characteristics			12 Deblender
Switching diagram	13 - Dahlander motor control switch 1-0-2		
N° of elements			4
			P - Plastic
Mounting form			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	63
	UL/CSA	Α	60
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
, ,	10kA	Α	63
	15kA	Α	63
	25kA	Α	63
	50kA	Α	63
	63kA	Α	63
Rated short time current lcw			
	1s	kA	1600
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
,,, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		Α	63
AC15			
	110V	Α	32
	220/230V	Α	25
	380/400V	A	15
	660/690V	A	4
Rated operational power in AC			•
Three-phase AC-3			
Tilloo pilaoo 710 0	220/230V	kW	11
	380/440V	kW	18.5
	500/690V	kW	18.5
Single-phase AC-3	330/030 V	17.4.4	10.0
omgie phase 70-0	110V	kW	3.7
	220/230V	kW	6.5
	380/440V	kW	11.5
Three-phase AC23A	J00/440 V	V A A	11.0
Tillee-pilase AO23A	220/230V	kW	12.5
	380/440V	kW	30
	500/690V	kW	30
Single phase AC22A	500/090V	KVV	30
Single-phase AC23A	4401/	1.///	2.7
	110V	kW	3.7
	220/230V	kW	7.5



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		380/440V	kW	12.5
Rated operational cur				
	DC21A			
		48V	Α	63
		60V	A	50
		110V	A	8
	DOCOA (malas in series)	220V	Α	1
	DC23A (poles in series)	241/	^	FO (4)
		24V 48V	A A	50 (1) 50 (2)
		60V	A	50 (2)
		110V	A	25 (3)
		220V	A	15 (4)
	DC13	220 V		10 (4)
	5013	24V	Α	63
		48V	A	40
		60V	Α	28
		110V	Α	3.3
Power dissipation			W	3.4
Mechanical features				
Terminals screw				M5
Tightening torque for	terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
	9	min	AWG	14
		Max	AWG	6
	AWG - Flexible cable			_
		min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable			
		min	mm²	2.5
		Max	mm²	10
	Conductor size (IEC) - Rigid cable			
		min	mm²	2.5
		Max	mm²	16
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direc				
	for three-phase motor			
		120V	HP	7.5
		240V	HP	15
		480V	HP	25
		600V	HP	25
	for single-phase motor	40011	LID	0
		120V	HP	3
A robiost agadition		240V	HP	10
Ambient conditions				
Temperature	On another town and the			
	Operating temperature	•	۰.	25
		min	°C	-25 -55
	Ctore as town or the	max		+55
	Storage temperature	·!	°C	40
		min	°C	-40 -70
		max		+70

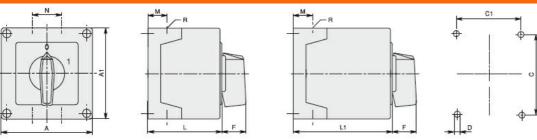
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Resistance & Protection

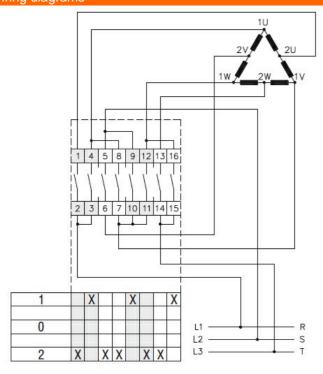
Frontal IP degree IP65
Terminals IP degree IP00

Dimensions



Series	Enclosure size	Number o	f elements	Dimensions								Cable	Protection		
		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	0.000		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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7GN6313P

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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