ENCLOSED ROTARY CAM SWITCH 7GN SERIES, DAHLANDER MOTOR CONTROL SWITCH 1-0-2, 125A IN PLASTIC ENCLOSURE 180X254MM WITH RED/YELLOW HANDLE

Decident decimation				Enclosed rotary
Product designation				cam switch
Product type designation				7GN125
General characteristics				
Switching diagram				13 - Dahlander motor control switch 1-0-2
N° of elements				4
				P25 - Plastic
Mounting form				enclosure with red/yellow handle
Contact characteristics				
Rated insulation voltage Ui				
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstand vo	Itage Uimp		kV	6
Conventional free air therma	al current Ith			
		IEC/EN	Α	125
		UL/CSA	Α	130
Rated operational voltage			V	690
Rated operational impulse v	voltage		kV	6
Maximum fuse size for shor				
	, ,	10kA	Α	125
		15kA	Α	100
		25kA	Α	100
		50kA	Α	100
		63kA	Α	100
Rated short time current low	I			
		1s	kA	2100
Conductivity				10/5 mA/V
Operational current le IEC/E	N			
•	1/AC21A			
,	.,,,,,,		Α	125
AC	15			
7.0		110V	Α	40
		220/230V	Α	28
		380/400V	A	15
		660/690V	Α	5
Rated operational power in	AC.	000,000 V	- , ,	
	ee-phase AC-3			
1111	55 51.400 / 10 0	220/230V	kW	18.5
		380/440V	kW	37
		500/440V	kW	33
Sin	gle-phase AC-3			
Only	g.o paoo / to o	110V	kW	5
		220/230V	kW	11
		380/440V	kW	15
Thr	ee-phase AC23A	000/ T T 0 V		
1111	00 pha00 / 1020/ 1	220/230V	kW	30
		380/440V	kW	45
		500/440V	kW	37
Sin	gle-phase AC23A			
Only	g.o phace / (020/)	110V	kW	5
		220/230V	kW	11
				• •



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		380/440V	kW	15
Rated operational cur				
	DC21A	4017		405
		48V 60V	A A	125 80
		110V	A	10
		220V	A	1.2
	DC23A (poles in series)			
	,	24V	Α	125 (1)
		48V	Α	125 (2)
		60V	Α	125 (3)
		110V	Α	50 (3)
		220V	Α	20 (4)
	DC13	0.417	۸	405
		24V 48V	A A	125 100
		60V	A	50
		110V	A	4
Power dissipation		1100	W	6.3
Mechanical features				
Terminals screw				M2X5
Tightening torque for	terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
		min	AWG	14
	AMO Electrical	Max	AWG	1/0
	AWG - Flexible cable	min	۸۱۸/۵	1.1
		min Max	AWG AWG	14 1/0
	Conductor size (IEC) - Flexible cable	IVIAA	AVVO	1/0
	Conductor CI25 (126) Trovisio Gasio	min	mm²	2.5
		Max	mm²	50
	Conductor size (IEC) - Rigid cable			
		min	mm²	2.5
		Max	mm²	50
Mechanical life			cycles	1X10 ⁶
UL technical data	t on line control			
Motor power for direc				
	for three-phase motor	120V	HP	15
		240V	HP	25
		480V	HP	50
		600V	HP	40
	for single-phase motor			
		120V	HP	5
		240V	HP	15
Ambient conditions				
Temperature	O continue to continue			
	Operating temperature	:	°C	25
		min	°C	-25 +55
	Storage temperature	max	U	ਰਹ
	Giorage temperature	min	°C	-40
		max	°C	+70
				-

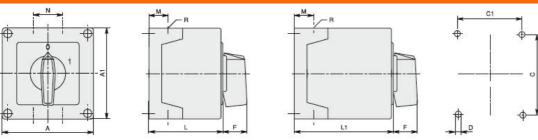
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Resistance & Protection

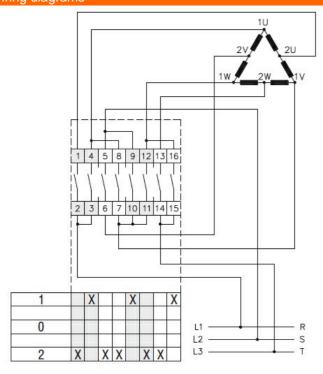
Frontal IP degree IP65
Terminals IP degree IP00

Dimensions



Series	Enclosure size	Number o	f elements		Dimensions								Cable	Protection	
Series		L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	Protection degree
7GN12	75x75	1-2	3 - 4												
7GN20	1	1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25	1	1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6					10000000						1907 TO SO AN AND SO	0.000.000.000
7GN25	1	1-2	3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65
7GN32	1	1 - 2	3 - 4	2557.1	2000.0	53.905	1990	3.33.000.0	50-853	2000		100000000000000000000000000000000000000	0.00000000	35.0-220.000	20000000
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	90.4	00	4.5	32	21	39.5	00.0	119.5	417621	11.00
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												
7GN40	20.22.022.02.02.02	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	100	234	120	190	5.5	32	33	76	121	1/5	2xPG11	11-00
7GN125		1 - 2	3 - 4	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