



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

Product designation				Enclosed rotary
_				cam switch
Product type designation General characteristics				7GN125
General characteristics				13 - Dahlander
Switching diagram				motor control switch 1-0-2
N° of elements				4
Mounting form				P - Plastic enclosure with black handle
Contact characteristics				
Rated insulation voltag				
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar	nd voltage Uimp		kV	6
Conventional free air th	nermal current Ith			
		IEC/EN	Α	125
		UL/CSA	Α	130
Rated operational volta			V	690
Rated operational impu			kV	6
Maximum fuse size for	short-circuit protection In (gG)	401.4		405
		10kA	A	125
		15kA	A	100
		25kA 50kA	A	100 100
		63kA	A A	100
Rated short time curre	ot low	OSKA		100
rated short time carre	in low	1s	Α	2100
Conductivity			- , ,	10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			Α	125
	AC15			
		110V	Α	40
		220/230V	Α	28
		380/400V	Α	15
		660/690V	Α	5
Rated operational pow				
	Three-phase AC-3			
		220/230V	kW	18.5
		380/440V	kW	37
	Single phase AC 2	500/690V	kW	33
	Single-phase AC-3	110V	kW	5
		220/230V	kW	11
		380/440V	kW	15
	Three-phase AC23A	300/TT0 V	1 (V V	
		220/230V	kW	30
		380/440V	kW	45
		500/690V	kW	37
	Single-phase AC23A			_
		110V	kW	5



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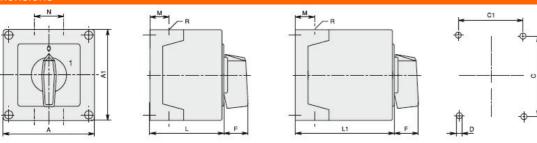
		000/0001/		
		220/230V	kW	11
Data dan anational aum		380/440V	kW	15
Rated operational cur	DC21A			
	DCZTA	48V	Α	125
		60V	A	80
		110V	A	10
		220V	A	1.2
	DC23A (poles in series)	220 V		1.2
	BOZON (poids in series)	24V	Α	125 (1)
		48V	A	125 (1)
		60V	A	125 (2)
		110V	A	50 (3)
		220V	A	20 (4)
	DC13	2201		20 (1)
	5010	24V	Α	125
		48V	A	100
		60V	A	50
		110V	A	4
Power dissipation		1100	W	6.3
Mechanical features			V V	0.0
Terminals screw				M2X5
Tightening torque for t	terminals may		Nm	2
Conductor size	de illiliais illax		INIII	
Conductor size	AWC Bigid cable			
	AWG - Rigid cable	min	AWG	14
			AWG	1/0
	AWG - Flexible cable	Max	AVVG	1/0
	AWG - Flexible cable		AWG	4.4
		min Mov		14
	Conductor size (IEC). Flouible coble	Max	AWG	1/0
	Conductor size (IEC) - Flexible cable			0.5
		min Max	mm² mm²	2.5 50
	Conductor size (IFC) Digid coble	IVIAX	111111	50
	Conductor size (IEC) - Rigid cable	min	mama ²	0 F
		min Max	mm² mm²	2.5 50
Mechanical life		IVIAX		
UL technical data			cycles	1X10 ⁶
	t on line central			
Motor power for direct				
	for three-phase motor	4001/	ШΡ	15
		120V	HP	15
		240V 480V	HP	25 50
			HP	50
	for single phase mater	600V	HP	40
	for single-phase motor	40017	1.10	_
		120V	HP	5
A malai a mata a a madisti a ma		240V	HP	15
Ambient conditions				
Temperature				
	Operating temperature		2.5	0.5
		min	°C	-25
	-	max	°C	+55
	Storage temperature			
		-	^ ~	40
		min	°C	-40

ENERGY AND AUTOMATION

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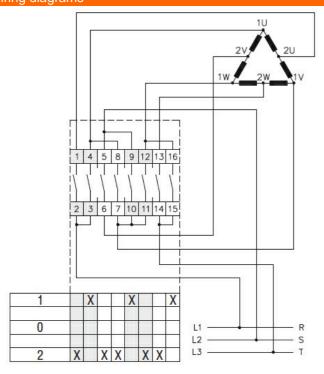
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP00

Dimensions



Series	Enclosure size	Number o	f elements	Dimensions								Cable	Protection		
		L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	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	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6	0.000	0.000					200000					
7GN25		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	******	(300)			10000							
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		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	1/5	140	112	5.5	32	21	00	04.3	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 - 3	4 - 6	100	204	120	190	5.5	32	33	70	121	1/5	2xPG11	11-00
7GN125		1 - 2	3 - 4												

Wiring diagrams



Certifications and compliance





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Compliance

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