

7GN6319P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, DAHLANDER MOTOR CONTROL SWITCH 0-1-2, 63A IN PLASTIC ENCLOSURE 125X175MM WITH BLACK HANDLE

			Enclosed rotan/
Product designation			Enclosed rotary cam switch
Product type designation			7GN63
General characteristics			
Switching diagram			19 - Dahlander motor control switch 0-1-2
N° of elements			4
Mounting form			P - Plastic enclosure with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Dated impulse withstand voltage Llimp	UL/CSA	V kV	<u>600</u> 6
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		ĸv	0
	IEC/EN	А	63
	UL/CSA	A	60
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	63
	15kA	А	63
	25kA	А	63
	50kA	A	63
	63kA	A	63
Rated short time current Icw	1s	kA	1600
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
A015		A	63
AC15	110V	А	32
	220/230V	A	25
	380/400V	A	15
	660/690V	A	4
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	11
	380/440V	kW	18.5
	500/690V	kW	18.5
Single-phase AC-3			
	110V	kW	3.7
	220/230V	kW	6.5 11 F
Three-phase AC23A	380/440V	kW	11.5
iniee-phase AUZSA	220/230V	kW	12.5
	380/440V	kW	30
	500/690V	kW	30
Single-phase AC23A			
	110V	kW	3.7
	220/230V	kW	7.5

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ENERGY AND AUTOMATION

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		380/440V	kW	12.5
Rated operational cu				
	DC21A	(0) (
		48V	A	63
		60V	A	50
		110V 220V	A A	8
	DC22A (polos in sorios)	2200	A	1
	DC23A (poles in series)	24V	А	50 (1)
		48V	A	50 (2)
		40V 60V	A	50 (2)
		110V	A	25 (3)
		220V	A	15 (4)
	DC13			
		24V	А	63
		48V	A	40
		60V	А	28
		110V	А	3.3
Power dissipation			W	3.4
Mechanical features				
Terminals screw				M5
Tightening torque fo	r terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
		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 dire				
	for three-phase motor			
		120V	HP	7.5
		240V	HP	15
		480V	HP	25
	Construction of the second second	600V	HP	25
	for single-phase motor	1001		0
		120V	HP	3
Ambiont conditions		240V	HP	10
Ambient conditions Temperature				
remperature	Operating temperature			
	Operating temperature	min	°C	-25
			°C	-25 +55
	Storago tomporaturo	max	U	1 00
	Storage temperature	min	°C	-40
		min	°C	-40 +70
		max	U	710

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



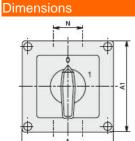
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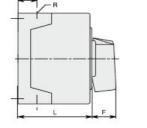
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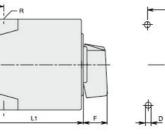
Resistance & Protection

Frontal IP degree

Terminals IP degree







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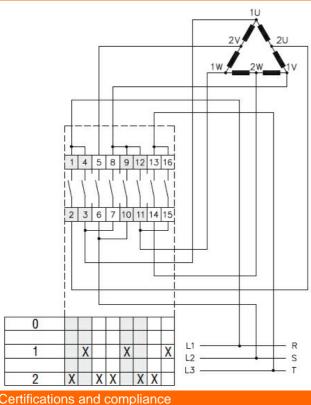
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C1

IP65 IP00

Social Enclosure Number of elements			Dimensions								Cable	Protection			
Series	size	L	L1	Α	A1	С	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												
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	90.4	03	4.5	32	21	39.5	00.0	119.5	475621	1600
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	125	1/5	140	112	5.5	32	21	00	04.3	110.3	2xPG11	1600
7GN125		1	2												
7GN32	180x254	1-5	6 - 8												
7GN40		1 - 4	5 - 7	180	054	120	190	5.5	32	35	76	101	175	4xPG29	IP65
7GN63		1 - 3	4 - 6	180	254	120	190	5.5	32	30	70	121	1/5	2xPG11	1000
7GN125		1 - 2	3 - 4												
	ogromo														

Wiring diagrams





Compliance

	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
Certificates		
	EAC	
ETIM classificatior	1	
		EC001029 -
ETIM 8.0		Selector switch,

Selector switch, complete