

**7GN4019P25** ENCLOSED ROTARY CAM SWITCH 7GN SERIES, DAHLANDER MOTOR CONTROL SWITCH 0-1-2, 40A IN PLASTIC ENCLOSURE 110X110MM WITH RED/YELLOW HANDLE

			Enclosed roton/
Product designation			Enclosed rotary cam switch
Product type designation			7GN40
General characteristics			40 Deblender
Switching diagram			19 - Dahlander motor control switch 0-1-2
N° of elements			4
Mounting form			P25 - Plastic enclosure with red/yellow handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Deted impulse withstend values a limp	UL/CSA	V kV	600 6
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		KV	0
	IEC/EN	А	40
	UL/CSA	A	50
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	40
	15kA	А	40
	25kA	A	40
	50kA	A	40
Rated short time current Icw	63kA	A	40
Rated short time current icw	1s	kA	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			10
1045		A	40
AC15	110V	А	25
	220/230V	A	22
	380/400V	A	12
	660/690V	A	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	8
	380/440V	kW	15
	500/690V	kW	15
Single-phase AC-3	110V	kW	3
	220/230V	kW	5 6.5
	220/230V 380/440V	kW	8
Three-phase AC23A			-
·	220/230V	kW	8
	380/440V	kW	18.5
	500/690V	kW	22
Single-phase AC23A	44014		0
	110V	kW	3
	220/230V	kW	6

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		280/4401/		11
Rated operational cu	rrept in DC	380/440V	kW	11
Raleu operational cu	DC21A			
	DeztA	48V	А	40
		48V 60V	A	40
		110V	A	6
		220V	A	0.9
	DC23A (poles in series)	2201	,,	0.0
		24V	А	40 (1)
		48V	A	40 (2)
		60V	A	40 (3)
		110V	А	20 (3)
		220V	А	12 (4)
	DC13			( )
		24V	А	40
		48V	А	32
		60V	А	16
		110V	А	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
		Max	mm²	6
	Conductor size (IEC) - Rigid cable			
		min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	5x10⁰
UL technical data				
Motor power for direct				
	for three-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

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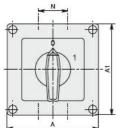
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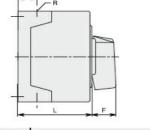
Resistance & Protection

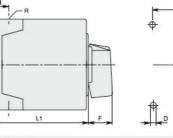
Frontal IP degree

Terminals IP degree

Dimensions







1 ₽\_\_1

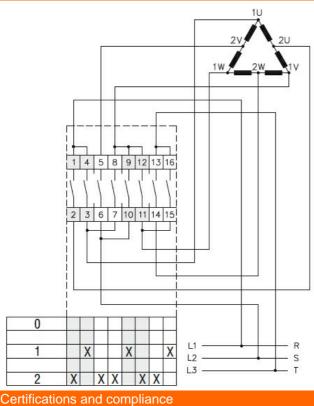
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C1

IP65 IP00

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												
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	2010.1	2000.0	0.000				194242				1911-0-000000000	1111111111111
7GN40		1	2-3												
7GN12	110x110	1-4	5-8												
7GN20		1-4	5 - 8												
7GN25	1	1-3	4 - 5	110	110	00.4	83	4.5	32	21	20.5	05.5	110.5	4-0001	IDOC
7GN32	1	1-3	4 - 5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
7GN40	1	1-2	3-5												
7GN63	1	1-2	3 - 4												
7GN32	125x175	1-3	4 - 5												
7GN40		1-2	3 - 4	105	175	140	110					04.0	110.0	4xPG21	1005
7GN63	1	1 - 2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	2xPG11	IP65
7GN125		1	2												
7GN32	180x254	1-5	6 - 8												
7GN40		1-4	5 - 7	100	0.54	100	100						175	4xPG29	1005
7GN63	1	1-3	4 - 6	180	254	120	190	5.5	32	35	76	121	175	2xPG11	IP65
7GN125	1	1-2	3 - 4												

Wiring diagrams



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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		
		EC001029 -
		Salastar awitab

ETIM 8.0

Selector switch, complete