



ROTARY CAM SWITCH 7GN SERIES, DAHLANDER MOTOR 2-SPEED REVERSING SWITCH, 125A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 90X90MM

				Rotary cam
Product designation				switches
Product type designation				7GN125
General characteristic	S			00 Dahlandar
Switching diagram				20 - Dahlander motor 2-speed
NIQ of allows and				reversing switch
N° of elements				6 U65 - Front
				mounting with
Mounting form				red/yellow handle
Mounting form				padlockable in 0
				and protection
				covers
Contact characteristic				
Rated insulation voltage	ge Ui		V	<u> </u>
		IEC/EN UL/CSA	V V	690 600
Potod impulso withoto	and voltage Llimp	0L/C3A	kV	6
Rated impulse withsta Conventional free air t			ĸv	0
Conventional free all t	nemai current itri	IEC/EN	А	125
		UL/CSA	A	130
Rated operational volt	200	0L/03A	 V	690
Rated operational imp	-		kV	6
	r short-circuit protection In (gG)		ΚV	0
	a short-circuit protection in (gC)	10kA	А	125
		15kA	A	100
		25kA	A	100
		50kA	A	100
		63kA	A	100
Rated short time curre	ent Icw			
		1s	kA	2100
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
·	AC1/AC21A			
			А	125
	AC15			
		110V	А	40
		220/230V	А	28
		380/400V	Α	15
		660/690V	Α	5
Rated operational pov				
	Three-phase AC-3			
		220/230V	kW	18.5
		380/440V	kW	37
		500/690V	kW	33
	Single-phase AC-3	1101	1 1 4 7	F
		110V	kW	5
		220/230V	kW	11
	Three phase AC22A	380/440V	kW	15
	Three-phase AC23A	220/230V	kW	30
		220/230V 380/440V	кvv kW	30 45
		500/690V	kW	45 37
		500/030V		51

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	Cingle share ACO2A			
	Single-phase AC23A			_
		110V	kW	5
		220/230V	kW	11
		380/440V	kW	15
Rated operational curr	ent in DC			
	DC21A			
	DOZIA	40\/	٨	105
		48V	A	125
		60V	A	80
		110V	A	10
		220V	А	1.2
	DC23A (poles in series)			
	(P	24V	А	125 (1)
		48V		
			A	125 (2)
		60V	А	125 (3)
		110V	Α	50 (3)
		220V	А	20 (4)
	DC13			<u> </u>
		24V	А	125
		48V	A	100
		60V	А	50
		110V	А	4
Power dissipation			W	6.3
Mechanical features				
Terminals screw				M2X5
			Nice	
Tightening torque for t			Nm	2
Conductor size				
	AWG - Rigid cable			
		min	AWG	14
		Max	AWG	1/0
	AWG - Flexible cable	THOM:	/	170
	AWO - I lexible cable		ANA/C	4.4
		min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable			
		min	mm²	2.5
		Max	mm²	50
	Conductor size (IEC) - Rigid cable			
	Conductor Size (ILO) - Rigid Cable		mm <sup>2</sup>	2 F
		min	mm²	2.5
		Max	mm²	50
Mechanical life			cycles	1X10 <sup>6</sup>
UL technical data				
Motor power for direct	-on-line control			
	for three-phase motor			
		120V	ЦР	15
			HP	15
		240V	HP	25
		480V	HP	50
		600V	HP	40
	for single-phase motor			
		120V	HP	5
		240V	HP	
A		240V	п۲	15
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
		IIIdA	0	100

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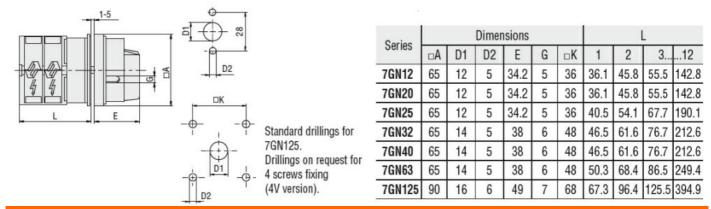
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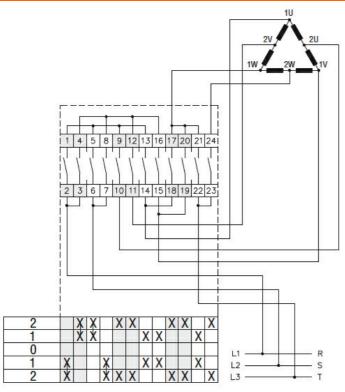


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Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP40	
Terminals IP degree			IP00	
Dimensions				



Wiring diagrams



## Certifications and compliance

Compliance	
	CSA C22.2 n° 14
	IEC/EN/BS 60947-1
	IEC/EN/BS 60947-3
	IEC/EN/BS 60947-5-1
	UL60947-4-1
Certificates	
	EAC
	UL
ETIM classification	

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ETIM 8.0

EC001029 -Selector switch, complete