



ENERGY AND AUTOMATION

Semenal characteristics	Product designation Product type designation	on.			Rotary cam switches 7GN25
Switching diagram 19 - Dahlander motor control switch 0-1-2 N° of elements 2					701123
Mounting form Section Section					motor control
Mounting form Mounting for	N° of elements				4
Rated insulation voltage Ui					mounting with red/yellow handle padlockable in 0, door coupling and protection
IEC/EN V 690					
Conventional free air thermal current lth	Rated Insulation voltage	e OI			
IEC/EN				kV	6
Rated operational voltage V	Conventional free air th	ermal current Ith			
Rated operational impulse voltage Rated operational impulse voltage Rated operational impulse voltage Rated short-circuit protection In (gG) 10kA	Rated operational volta	age	OLIOOA		
Maximum fuse size for short-circuit protection In (gG)					
15kA					_
Rated short time current lcw			10kA	Α	25
Rated short time current lcw				Α	
1s			25kA	Α	25
Operational current le IEC/EN AC1/AC21A AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 5.5 220/230V kW 5.5 380/440V kW 5.5 Three-phase AC23A		nt Icw	1s	kA	
AC1/AC21A AC15 AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A					10/5 mA/V
A 25 AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 5.5 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 5.5	Operational current le				
110V				Α	25
220/230V		AC15	44014		4.0
Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5					
Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 5.5					
Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 6.5 380/440V kW 11 500/690V kW 11					
Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11	Rated operational pow	er in AC	000/0001		
220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11					
500/690V kW 7.5		·	220/230V	kW	5.5
Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11			380/440V	kW	7.5
110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11			500/690V	kW	7.5
220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11		Single-phase AC-3			
380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11					
Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11					
220/230V kW 6.5 380/440V kW 11 500/690V kW 11		Three-phase AC23A	30U/44UV	r. v v	ა.ა
380/440V kW 11 		THICO PHASE AUZUA	220/230\/	kW	6.5
500/690V kW 11					
		Single-phase AC23A			



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		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational curre	ent in DC			
	DC21A			
	5 52 17 (48V	Α	25
		60V	A	25
		110V	Α	4
		220V	Α	0.7
	DC23A (poles in series)			
		24V	Α	25 (1)
		48V	Α	25 (2)
		60V	Α	25 (3)
		110V	Α	12 (3)
	7010	220V	Α	10 (4)
	DC13			
		24V	Α	25
		48V	Α	20
		60V	Α	16
		110V	Α	1.5
		220V	A	0.4
Dawer dissination		220 V	W	1.1
Power dissipation			VV	1.1
Mechanical features				140 =
Terminals screw				M3.5
Tightening torque for to	erminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	3	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	IVICA	AVVO	10
	AVVG - Flexible Cable		414/0	00
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
Markaniastii		Max	mm²	5106
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct-	on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for simple whose makes	۷۵۵۷	חד	ıIJ
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
-	Operating temperature			
	. •	min	°C	-25
		max	°C	+55
		Παλ		





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Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
ETIM classification			
ETIM 8.0			EC001029 - Selector switch, complete