



**ENERGY AND AUTOMATION** 

Product designation				Rotary cam
Product type designation	nn			switches 7GN25
General characteristics				7 61126
Switching diagram				19 - Dahlander motor control switch 0-1-2
N° of elements				4
Mounting form				O98 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Contact characteristics	- 1 li			
Rated insulation voltage	<del>2</del> 01	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp			kV	6
Conventional free air th	ermal current Ith	IEC/EN UL/CSA	A A	25 30
Rated operational volta	ge		V	480
Rated operational impu	_		kV	4
	short-circuit protection In (gG)			
		10kA	Α	25
		15kA	Α	25
		25kA	Α	25
Rated short time currer	nt Icw	1s	Α	400
Conductivity				10/5 mA/V
Operational current le l				
	AC1/AC21A			
	1045		Α	25
	AC15	110V	٨	16
		220/230V	A A	16 12
		380/400V	A	8
		660/690V	Α	2
Rated operational power	er in AC	000,0001		
, ,	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
	Three phase ACCCA	380/440V	kW	5.5
	Three-phase AC23A	220/230V	kW	6.5
		220/230V 380/440V	kW	6.5 11
		500/690V	kW	11
	Single-phase AC23A	000/000V	17.8.8	
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		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational cu	urrent in DC			
rated operational od				
	DC21A		_	
		48V	Α	25
		60V	Α	25
		110V	Α	4
		220V	Α	0.7
	DC22 ( /polos in series)	220 V		0.7
	DC23A (poles in series)	201		<b>27</b> (4)
		24V	Α	25 (1)
		48V	Α	25 (2)
		60V	Α	25 (3)
		110V	Α	12 (3)
		220V	Α	
	D040	220 V		10 (4)
	DC13			
		24V	Α	25
		48V	Α	20
		60V	Α	16
		110V	A	1.5
		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
	torminala may		Nim	
Tightening torque for	terminais max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	•	min	AWG	20
		Max	AWG	10
	ANAO Florible cable	IVIAX	AWO	10
	AWG - Flexible cable			
		min	AWG	20
		N 4 -	AWG	12
		Max	AVVG	1 4
	Conductor size (IEC) - Flexible cable	Max	AVVG	12
	Conductor size (IEC) - Flexible cable			
	Conductor size (IEC) - Flexible cable	min	mm²	0.5
	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	min	mm² mm²	0.5 4
		min	mm²	0.5
		min Max min	mm² mm²	0.5 4 0.5
Mechanical life		min Max	mm² mm² mm² mm²	0.5 4 0.5 4
Mechanical life		min Max min	mm² mm²	0.5 4 0.5
UL technical data	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm² mm²	0.5 4 0.5 4
	Conductor size (IEC) - Rigid cable  ct-on-line control	min Max min	mm² mm² mm² mm²	0.5 4 0.5 4
UL technical data	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm² mm²	0.5 4 0.5 4
UL technical data	Conductor size (IEC) - Rigid cable  ct-on-line control	min Max min Max	mm² mm² mm² mm² cycles	0.5 4 0.5 4 5x10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Rigid cable  ct-on-line control	min Max min Max	mm² mm² mm² mm² cycles	0.5 4 0.5 4 5x10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Rigid cable  ct-on-line control	min Max min Max 120V 240V	mm² mm² mm² cycles	0.5 4 0.5 4 5x10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Rigid cable  ct-on-line control	min Max min Max 120V 240V 480V	mm² mm² mm² cycles	0.5 4 0.5 4 5x10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Rigid cable  ct-on-line control for three-phase motor	min Max min Max 120V 240V	mm² mm² mm² cycles	0.5 4 0.5 4 5x10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Rigid cable  ct-on-line control	min Max min Max 120V 240V 480V	mm² mm² mm² cycles	0.5 4 0.5 4 5x10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Rigid cable  ct-on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles	0.5 4 0.5 4 5x10 <sup>6</sup> 3 5 10 15
UL technical data	Conductor size (IEC) - Rigid cable  ct-on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles  HP HP HP HP HP	0.5 4 0.5 4 5x10 <sup>6</sup> 3 5 10 15
UL technical data Motor power for direct	Conductor size (IEC) - Rigid cable  ct-on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles	0.5 4 0.5 4 5x10 <sup>6</sup> 3 5 10 15
UL technical data Motor power for direct	Conductor size (IEC) - Rigid cable  ct-on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles  HP HP HP HP HP	0.5 4 0.5 4 5x10 <sup>6</sup> 3 5 10 15
UL technical data Motor power for direct	Conductor size (IEC) - Rigid cable  ct-on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles  HP HP HP HP HP	0.5 4 0.5 4 5x10 <sup>6</sup> 3 5 10 15
UL technical data Motor power for direct	Conductor size (IEC) - Rigid cable  ct-on-line control for three-phase motor  for single-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles  HP HP HP HP HP	0.5 4 0.5 4 5x10 <sup>6</sup> 3 5 10 15
UL technical data Motor power for direct	Conductor size (IEC) - Rigid cable  ct-on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles	0.5 4 0.5 4 5x10 <sup>6</sup> 3 5 10 15
UL technical data Motor power for direct	Conductor size (IEC) - Rigid cable  ct-on-line control for three-phase motor  for single-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles  HP HP HP HP HP	0.5 4 0.5 4 5x10 <sup>6</sup> 3 5 10 15





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