

**ENERGY AND AUTOMATION** 

ROTARY CAM SWITCH 7GN SERIES, DAHLANDER MOTOR CONTROL SWITCH 1-0-2 25A, **electric** FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE: 65X65

Product designation				Rotary cam
_	are a constant of the constant			switches
Product type designated General characteristics				7GN25
General Characterist	us —			13 - Dahlander
Switching diagram				motor control
NO. 6. 1				switch 1-0-2 4
N° of elements				098 - Rear
				mounting with
				red/yellow handle
Mounting form				padlockable in 0,
				door coupling
				and protection covers
Contact characteristi	CS			00.010
Rated insulation volta	age Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withst	·		kV	6
Conventional free air	thermal current Ith			
		IEC/EN	Α	25
<del></del>		UL/CSA	A	30
Rated operational voltage			V	480
Rated operational im	or short-circuit protection In (gG)		kV	4
waxiiiiuiii iuse size i	or short-circuit protection in (gG)	10kA	Α	25
		15kA	A	25
		25kA	Α	25
Rated short time cur	rent Icw	<del>-</del>		
		1s	kA	400
Conductivity				10/5 mA/V
Operational current I	e IEC/EN			_
	AC1/AC21A			
			Α	25
	AC15		_	
		110V	A	16
		220/230V 380/400V	A A	12 8
		660/690V	A	2
Rated operational po	ower in AC	000/030 V		
rated operational po	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 ACCOA	380/440V	kW	5.5
	Three-phase AC23A	220/230V	kW	6.5
		380/440V	kW	6.5 11
		500/690V	kW	11
	Single-phase AC23A	230,000 4		
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		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational curre	ent in DC	000/1101	1	
rated operational curr				
	DC21A	4017		0.5
		48V	Α	25
		60V	Α	25
		110V	Α	4
		220V	Α	0.7
	DC23A (poles in series)			-
	· · (p - · · · · · · · · · · · · )	24V	Α	25 (1)
		48V		
			A	25 (2)
		60V	Α	25 (3)
		110V	Α	12 (3)
		220V	Α	10 (4)
	DC13			
		24V	Α	25
		48V	Α	20
		60V		
			A	16
		110V	Α	1.5
		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for to	arminale may		Nm	0.8
	enninais max		INIII	0.0
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
		IVIAX	AWG	12
	Conductor size (IEC) - Flexible cable	_		
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
	, , <del>,</del>	min	mm²	0.5
		Max	mm²	4
Mechanical life		IVION	cycles	5x10 <sup>6</sup>
			Cycles	UA 10
UL technical data	and Proportional			
Motor power for direct-				
	for three-phase motor			
	for three-phase motor	120V	HP	3
	for three-phase motor	120V 240V	HP HP	
	for three-phase motor	240V	HP	5
	for three-phase motor	240V 480V	HP HP	5 10
		240V	HP	5
	for three-phase motor  for single-phase motor	240V 480V 600V	HP HP HP	5 10 15
		240V 480V 600V	HP HP HP	5 10 15
		240V 480V 600V	HP HP HP	5 10 15
Ambient conditions		240V 480V 600V	HP HP HP	5 10 15
		240V 480V 600V	HP HP HP	5 10 15
Ambient conditions Temperature	for single-phase motor	240V 480V 600V	HP HP HP	5 10 15
		240V 480V 600V 120V 240V	HP HP HP HP	5 10 15 1.5 3
	for single-phase motor	240V 480V 600V 120V 240V	HP HP HP HP	5 10 15 1.5 3
	for single-phase motor	240V 480V 600V 120V 240V	HP HP HP HP	5 10 15 1.5 3





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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