



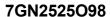
ENERGY AND AUTOMATION

Product designation			Rotary cam switches
Product type designation			7GN25
General characteristics			25 - 1-phase
Switching diagram			motor reversing switch with spring return
N° of elements			2
Mounting form			O98 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Contact characteristics			
Rated insulation voltage Ui	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	Α	25
	UL/CSA	Α	30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA 15kA 25kA	A A A	25 25 25
Rated short time current lcw	2010 (7,	
	1s	kA	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		Α	25
AC15			
	110V	Α	16
	220/230V	Α	12
	380/400V	Α	8
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3	220/2201	14/4/	E
	220/230V 380/440V	kW kW	5.5 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
		1/1//	
	380/440V 500/690V	kW kW	11 11



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	Single-phase AC23A			
		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational curre	ent in DC			_
	DC21A			
		48V	Α	25
		60V	Α	25
		110V	Α	4
		220V	Α	0.7
	DC23A (poles in series)			
	2020/ (poloc III collect)	24V	Α	25 (1)
		48V	A	25 (2)
		60V	A	25 (3)
		110V		
			A	12 (3)
	B040	220V	Α	10 (4)
	DC13	0.417	^	0.5
		24V	A	25
		48V	Α	20
		60V	Α	16
		110V	Α	1.5
		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for te	erminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	3	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
	7.WG TICKIBIC GUBIC	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIAA	7,000	12
	Conductor Size (IEC) - Flexible cable	min	mm²	0 F
		min	mm²	0.5
	Conductor size (IEO) - Big 1 - 1 -	Max	mm²	4
	Conductor size (IEC) - Rigid cable	•		0.5
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct-				
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
· omporatoro	Operating temperature			
	operating temperature	min	°C	-25
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	max	°C	+55
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