

ENERGY AND AUTOMATION

Product designation				Rotary cam
_				switches
Product type designation				7GN40
General characteristics				44 0 1
Switching diagram				11 - 3-phase motor reversing switch
N° of elements				3
Mounting form Contact characteristics				O98 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
	s Hi			
Rated insulation voltage		IEC/EN UL/CSA	V V	690 600
Rated impulse withstan Conventional free air th			kV	6
Conventional free alf th	ermai current itri	IEC/EN	Α	40
		UL/CSA	A	50
Pated operational volta	ao.	UL/CSA		480
Rated operational voltage Rated operational impulse voltage			kV	4
	short-circuit protection In (gG)		IX V	
Waximam rase size for	onort onout protoction in (gC)	10kA	Α	40
		15kA	A	40
		25kA	Α	40
		50kA	Α	40
		63kA	Α	40
Rated short time currer	nt Icw			
		1s	Α	1000
		60s	Α	1000
Conductivity				10/5 mA/V
Operational current le I	EC/EN			
	AC1/AC21A			
			Α	40
	AC15			
		110V	Α	25
		220/230V	Α	22
		380/400V	A	12
Data Lancarda ada a		660/690V	A	2
Rated operational power				
	Three-phase AC-3	220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	15
	Single-phase AC-3	330,000 V	,	
	- 3 p	110V	kW	3
		220/230V	kW	6.5
		380/440V	kW	8
	Three-phase AC23A			
		220/230V	kW	8
The above steries	tion described in this decrement are cubicat to undeten an ma	difference of any time. The descriptions	toohnical	and



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		380/440V	kW	18.5
		500/690V	kW	22
	Single-phase AC23A			
	3 1	110V	kW	3
		220/230V	kW	6
		380/440V	kW	11
Rated operational cur	erant in DC	300/440 V	IXVV	11
Nateu operational cui				
	DC21A	40) /		40
		48V	Α	40
		60V	Α	40
		110V	Α	6
		220V	Α	0.9
	DC23A (poles in series)			
	,	24V	Α	40 (1)
		48V	Α	40 (2)
		60V	A	40 (3)
		110V	A	
				20 (3)
		220V	A	12 (4)
	DC13			
		24V	Α	40
		48V	Α	32
		60V	Α	16
		110V	Α	3
Power dissipation			W	2.0
Mechanical features				2.0
Terminals screw				M4
	to meeting the manage		Nina	
Tightening torque for	terminais max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max		10
	Conductor size (IEC) Florible coble	Ινιαλ	7,440	10
	Conductor size (IEC) - Flexible cable		ma mc 2	1 E
		min	mm²	1.5
	1 	Max	mm²	6
	Conductor size (IEC) - Rigid cable			
		min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct	t-on-line control			
	for three-phase motor			
	ioi iiiiee-piiase iiioioi	4001/	UD	E
		120V	HP	5
		240V	HP	10
		480V	HP	20
		600V	HP	20
	for single-phase motor			
		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				

Operating temperature





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	min	°C	-25
	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