



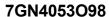
ENERGY AND AUTOMATION

Product designation				Rotary cam
_	an an			switches 7GN40
Product type designation General characteristics				7 GN40
Switching diagram				53 - Changeover switch 3 poles - 2 speed motor starting with separate windings
N° of elements	N° of elements			3
Mounting form				O98 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Contact characteristics Rated insulation voltage	N. Hi			
		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	40 50
Rated operational volta	ge		V	480
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)	10kA 15kA 25kA 50kA 63kA	A A A A	40 40 40 40 40
Rated short time currer	nt Icw			
		1s	kA	1000
Conductivity	EO/EN			10/5 mA/V
Operational current le l	AC1/AC21A			
	1015		Α	40
	AC15	110V 220/230V 380/400V	A A A	25 22 12
Rated operational power	er in AC	660/690V	Α	2
rated operational power	Three-phase AC-3	220/230V	kW	8
		380/440V	kW	15
	Single-phase AC-3	500/690V	kW	15
		110V	kW	3
		220/230V	kW	6.5
		380/440V	kW	8



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	Three-phase AC23A			
	111100 phace 7(020/1	220/230V	kW	8
		380/440V	kW	18.5
		500/440V 500/690V	kW	22
	Cinale phase ACO2A	300/0907	K V V	22
	Single-phase AC23A	440)/	1.147	0
		110V	kW	3
		220/230V	kW	6
		380/440V	kW	11
Rated operational curre				
	DC21A			
		48V	Α	40
		60V	Α	40
		110V	Α	6
		220V	Α	0.9
	DC23A (poles in series)			
	,	24V	Α	40 (1)
		48V	A	40 (2)
		60V	A	40 (3)
		110V	A	20 (3)
		220V	A	12 (4)
	DC13	220 V		12 (4)
	DC13	241/	٨	40
		24V	A	40
		48V	Α	32
		60V	Α	16
		110V	A	3
Power dissipation			W	2.0
Mechanical features				
Terminals screw				M4
Tightening torque for te	rminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
	-	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			_
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable	111001		-
	Contractor Sizo (IEO) Trovible Gable	min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable	iviax	111111	
	Conductor Size (IEC) - Rigid Caple	mir	mm²	1 5
		min May	mm²	1.5
Machaniaallife		Max	mm²	10 5×106
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct-				
	for three-phase motor			_
		120V	HP	5
		240V	HP	10
		480V	HP	20
		600V	HP	20
	for single-phase motor			
		120V	HP	2
		240V	HP	5
Ambient conditions				





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Temperature

remperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection	on .			
Frontal IP degree				IP40
Terminals IP degree				IP00
ETIM classification				
ETIM 8.0				EC001029 - Selector switch, complete