

Product designation			Rotary cam switches 7GN32
Product type designation General characteristics			7GN32
Switching diagram			11 - 3-phase motor reversing switch
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 Ui	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		kV	6
Conventional free air thermal current ith	IEC/EN UL/CSA	A A	32 40
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA 15kA 25kA 50kA	A A A A	32 32 32 32
Rated short time current Icw	1s	kA	800
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A			
		А	32
AC15	110V 220/230V 380/400V	A A A	25 20 10
	660/690V	A	2
Rated operational power in AC Three-phase AC-3			
	220/230V 380/440V	kW kW	7.5 11
	500/690V	kW	11
Single-phase AC-3	110V 220/230V	kW kW	2.2 4
	380/440V	kW	4 6.5
Three-phase AC23A	000, 1101		
······	220/230V	kW	8
	380/440V	kW	15
	500/690V	kW	18.5

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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	Single-phase AC23A			
		110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	7.5
Rated operational cur	rent in DC			
	DC21A			
	-	48V	А	32
		60V	A	32
		110V	A	6
		220V	A	0.9
	DC23A (poles in series)			
		24V	A	32 (1)
		48V	А	32 (2)
		60V	Α	32 (3)
		110V	А	15 (3)
		220V	А	12 (4)
	DC13	-		()
		24V	А	32
		48V	A	25
		60V	А	16
		110V	А	3
		220V	Α	0.5
Power dissipation			W	1.5
Mechanical features				
Terminals screw				M4
Tightening torque for t	terminals max		Nm	1.2
Conductor size				
001100001 0120	AWG - Rigid cable			
	AWG - Rigid Cable		A \ A \ O	4.0
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
	Conductor Size (ILO) - Migid Cable	min	mm²	1.5
Masharitati		Max	mm²	6
Mechanical life			cycles	5x10 ^e
UL technical data				
Motor power for direct				
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	15
		600V	HP	15
	for single-phase motor	0001		. ~
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		120V	HP	2
		240V	HP	5
Ambient conditions				
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