

**ENERGY AND AUTOMATION** 

ROTARY CAM SWITCH 7GN SERIES, 3-PHASE MOTOR REVERSING SWITCH 32A, FOR **electric** REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE: 65X65

Product designation  Product type designation	on			Rotary cam switches 7GN32
General characteristics				
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	e Ui	IEC/EN UL/CSA	V V	690 600
Rated impulse withstar	nd voltage Uimp		kV	6
Conventional free air th	ermal current Ith			
		IEC/EN	Α	32
		UL/CSA	Α	40
Rated operational voltage			V	480
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)	401.4		
		10kA	A	32
		15kA 25kA	A	32 32
		50kA	A A	32
Rated short time currer	nt Icw	JORA		J2
rated errort time earror		1s	kA	800
Conductivity				10/5 mA/V
Operational current le	EC/EN			
•	AC1/AC21A			
			Α	32
	AC15			
		110V	Α	25
		220/230V	Α	20
		380/400V	A	10
<del></del>		660/690V	Α	2
Rated operational power				
	Three-phase AC-3	200/2201	14/4/	7.5
		220/230V 380/440V	kW kW	7.5 11
		500/690V	kW	11
	Single-phase AC-3	300/030 V	17.4.4	
	Citigle prides / to c	110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	6.5
	Three-phase AC23A			
	•	220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	18.5



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	Single-phase AC23A			
		110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	7.5
Rated operational curre	ent in DC			
·	DC21A			
		48V	Α	32
		60V	Α	32
		110V	Α	6
		220V	Α	0.9
	DC23A (poles in series)			
	2020/ (poice in 661166)	24V	Α	32 (1)
		48V	A	32 (2)
		60V	A	32 (3)
		110V	A	
		220V	A	15 (3)
	D040	2200	A	12 (4)
	DC13	0417	۸	22
		24V	A	32
		48V	Α	25
		60V	Α	16
		110V	Α	3
		220V	Α	0.5
Power dissipation			W	1.5
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			_ <del>-</del>
	THE TRANSPORTE	min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable	Wick	7,,,,	
	Conductor size (ILO) - I lexible cable	min	mm²	1.5
		Max		
	Conductor size (IEC) Disid cable	IVIAX	mm²	4
	Conductor size (IEC) - Rigid cable		mm²	1 5
		min May	mm²	1.5
NA 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Max	mm²	6
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data				
Motor power for direct-				
Motor power for direct-	on-line control for three-phase motor			
Motor power for direct-		120V	HP	5
Motor power for direct-		240V	HP	10
Motor power for direct-		240V 480V	HP HP	10 15
Motor power for direct-	for three-phase motor	240V	HP	10
Motor power for direct-		240V 480V	HP HP	10 15
Motor power for direct-	for three-phase motor	240V 480V	HP HP	10 15
Motor power for direct-	for three-phase motor	240V 480V 600V	HP HP HP	10 15 15
Motor power for direct-	for three-phase motor	240V 480V 600V	HP HP HP	10 15 15 2
Ambient conditions	for three-phase motor	240V 480V 600V	HP HP HP	10 15 15 2
	for three-phase motor  for single-phase motor	240V 480V 600V	HP HP HP	10 15 15 2
Ambient conditions	for three-phase motor	240V 480V 600V	HP HP HP	10 15 15 2





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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