

7GN2025O98

Product designation				Rotary cam switches
Product type designat	ion			7GN20
General characteristic	S			
Switching diagram				25 - 1-phase 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 characteristic				
Rated insulation voltag	ge Ui	IEC/EN UL/CSA	V V	690 600
Rated impulse withsta	· · ·		kV	6
Conventional free air t	hermal current Ith	IEC/EN UL/CSA	A A	20 20
Rated operational volt	age		V	480
Rated operational imp	-		kV	4
Maximum fuse size fo	r short-circuit protection In (gG)	10kA 15kA 25kA	A A	20 16
Rated short time curre	ent Icw	25kA	A	16
		1s	А	250
Conductivity				10/5 mA/V
Operational current le	IEC/EN AC1/AC21A		٨	20
	AC15		A	20
		110V 220/230V 380/400V 660/690V	A A A A	10 8 6 1.5
Rated operational pow	ver in AC	000/0901		1.5
	Three-phase AC-3			
		220/230V	kW	3
		380/440V	kW	5.5
	Single-phase AC-3	500/690V	kW	5.5
	Single-phase AC-5	110V	kW	0.8
		220/230V	kW	2.2
		380/440V	kW	3
	Three-phase AC23A	220/2201/	L-\\/	5
		220/230V 380/440V	kW kW	5 7.5
		500/690V	kW	7.5

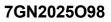
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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently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



	Single-phase AC23A			
		110V	kW	0.8
		220/230V	kW	2.5
		380/440V	kW	3.7
Rated operational curi	rent in DC			
	DC21A			
	5021A	48V	А	20
		48V 60V	A	20
		110V	A	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	A	10 (3)
		220V	A	
	DC1 2	2200	А	8 (4)
	DC13		-	
		24V	A	20
		48V	А	16
		60V	А	12
		110V	А	1
		220V	А	0.4
		440V	A	0.15
Power dissipation		7.01		0.8
			VV	0.8
Mechanical features				140
Terminals screw				M3
Tightening torque for t	terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable		-	- -
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	5x10 ⁶
UL technical data			0,0100	
	t-on-line control			
Motor power for direct				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	7.5
		600V	HP	10
	for single-phase motor			
		120V	HP	0.75
		240V	HP	2
Ambient conditions		240 V	1 11	£
Ambiant conditions				

Temperature





Operating temperature		
	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

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