## 7GN3210O98



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 32A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM



Product designation			Rotary cam
			switches
Product type designation			7GN32
General characteristics			10 - ON/OFF
Switching diagram			switch 3 poles
N° of elements			2
			O98 - Rear
			mounting with
			red/yellow handle
Mounting form			padlockable in 0
			door coupling and protection
			covers
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith		•	0.0
	IEC/EN UL/CSA	A A	32 40
Rated operational voltage	UL/CSA	V	40
Rated operational impulse voltage		kV	480
Maximum fuse size for short-circuit protection In (gG)			•
······································	10kA	А	32
	15kA	А	32
	25kA	А	32
	50kA	Α	32
Rated short time current Icw			
	1s	A	800
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		А	32
AC15		A	52
A013	110V	А	25
	220/230V	A	20
	380/400V	А	10
	660/690V	А	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	7.5
	380/440V	kW	11
Single-phase AC-3	500/690V	kW	11

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			, -	
		110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	6.5
	Three-phase AC23A	500/4407		0.0
	Thee-phase Ad23A	220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	18.5
	Single-phase AC23A	000/000 V		10.0
		110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	7.5
Rated operational c	current in DC			
	DC21A			
	DOLIN	48V	А	32
		60V	A	32
		110V	A	6
		220V	A	0.9
	DC23A (poles in series)	2207	73	0.0
		24V	А	32 (1)
		48V	A	32 (2)
		40V 60V	A	32 (3)
		110V	A	15 (3)
		220V	A	12 (4)
	DC13	2201	7	12 (4)
	2010	24V	А	32
		48V	A	25
		60V	A	16
		110V	A	3
		220V	A	0.5
Power dissipation			W	1.5
Mechanical features	S			
Terminals screw				M4
Tightening torque for	or terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
	5	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			
		min	mm²	1.5
		Max	mm²	6
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data				
Motor power for dire	ect-on-line control			
-	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	15
		600V	HP	15

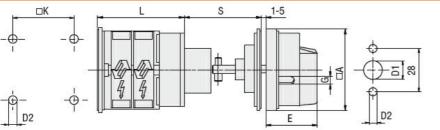
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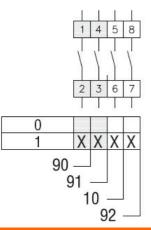
	for single-phase motor			
		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	ion			
Frontal IP degree				IP40
Terminals IP degree				IP00

Dimensions



Series	Dimensions			L							
Selles	□A	D1	D2	E	G	⊐K	S	1	2	3	12
7GN12	65	12	5	34.2	5	36	45-55	41.1	50.8	60.5	147.8
7GN20	65	12	5	34.2	5	36	45-55	41.1	50.8	60.5	147.8
7GN25	65	14	5	38	6	48	45-55	51.5	66.6	81.7	217.6
7GN40	65	14	5	38	6	48	45-55	51.5	66.6	81.7	217.6
7GN63	65	14	6	38	6	68	45-55	57.3	75.4	93.5	256.4

Wiring diagrams



Certifications and compliance

## Compliance

Compliance	
	CSA C22.2 n° 14
	IEC/EN/BS 60947-1
	IEC/EN/BS 60947-3
	IEC/EN/BS 60947-5-1
	UL60947-4-1
Certificates	

cCSAus

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ETIM 8.0

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EAC UL ETIM classification

> EC001029 -Selector switch, complete