7GN4091098



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 40A, 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			7GN40
General characteristics			
Switching diagram			91 - ON/OFF switch 2 poles
N° of elements			1
			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		•	40
	IEC/EN UL/CSA	A A	40 50
Rated operational voltage	00/03A	 V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			•
	10kA	А	40
	15kA	А	40
	25kA	А	40
	50kA	А	40
	63kA	A	40
Rated short time current Icw			4000
	1s	A	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A			
		А	40
AC15		,,	10
	110V	А	25
	220/230V	А	22
	380/400V	А	12
	660/690V	А	2
Rated operational power in AC			
Three-phase AC-3			0
	220/230V	kW	8
	380/440V 500/690V	kW kW	15 15
	200/0907	ΝV	IJ

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	Single-phase AC-3			
		110V	kW	3
		220/230V	kW	6.5
		380/440V	kW	8
	Three-phase AC23A	000/440 0		0
	Thee-phase AC23A	000/0001	1.1.1.7	0
		220/230V	kW	8
		380/440V	kW	18.5
		500/690V	kW	22
	Single-phase AC23A			
		110V	kW	3
		220/230V	kW	6
		380/440V	kW	11
Rated operational cur	rent in DC			
	DC21A			
	DOZTA	401/	٨	40
		48V	A	40
		60V	A	40
		110V	А	6
		220V	А	0.9
	DC23A (poles in series)			
		24V	А	40 (1)
		48V	A	40 (2)
		40V 60V	A	40 (2)
		110V	A	20 (3)
		220V	A	12 (4)
	DC13			
		24V	А	40
		48V	А	32
		60V	А	16
		110V	А	3
Power dissipation			W	2.0
Mechanical features			VV	2.0
				544
Terminals screw				M4
Tightening torque for t	terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
	-	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			-
		min	AWG	16
		min		
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable			
	· · · ·	min	mm²	1.5
		Max	mm²	10
Mechanical life		IVIAA	cycles	5x10 ⁶
UL technical data			Cycles	
	t on line control			
Motor power for direct				
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	20
		600V	HP	20

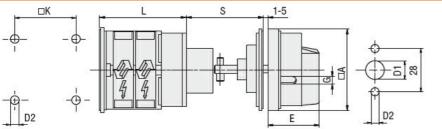
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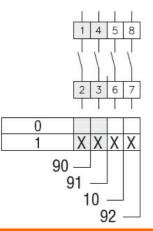
	for single-phase motor			
		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	ion			
Frontal IP degree				IP40
Terminals IP degree				IP00
Discussion				

Dimensions



Series	Dimensions			L							
Series	□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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EAC UL ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete