7GN1290098



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 16A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM



Product designation			Rotary cam
ů –			switches 7GN12
Product type designation General characteristics			7GN12
Switching diagram			90 - ON/OFF
			switch 1 pole
N° of elements			1
			O98 - Rear mounting with
			red/yellow handle
Mounting form			padlockable in 0,
-			door coupling
			and protection
Operator to homostariation			covers
Contact characteristics Rated insulation voltage Ui			
Rated insulation voltage of	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp	02,00,1	kV	6
Conventional free air thermal current Ith			-
	IEC/EN	А	16
	UL/CSA	А	15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	16
	15kA	A	10
Detected also est time a summer them.	25kA	A	10
Rated short time current Icw	1.	٨	200
Conductivity	1s	A	200 10/5 mA/V
Operational current le IEC/EN			10/5 IIIA/ V
AC1/AC21A			
		А	16
AC15			
	110V	А	10
	220/230V	А	8
	380/400V	А	4
	660/690V	А	1.5
Rated operational power in AC			
Three-phase AC-3			o =
	220/230V	kW	2.5
	380/440V 500/690V	kW kW	4 5.5
Single-phase AC-3	300/030V	r v v	0.0
	110V	kW	0.8

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		220/230V	kW	1.5
		380/440V	kW	2.2
	Three-phase AC23A			
		220/230V	kW	3
		380/440V	kW	5.5
		500/690V	kW	7.5
	Single phase AC22A	300/090V	L A A	1.0
	Single-phase AC23A	4401	1.3.47	0.0
		110V	kW	0.8
		220/230V	kW	1.7
		380/440V	kW	3
Rated operational curr	ent in DC			
	DC21A			
		48V	А	12
		60V	А	12
		110V	А	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	770 V	Π	0.20
	DOZOA (POIES III SEIIES)	241	۸	10 (1)
		24V	A	10 (1)
		48V	A	10 (2)
		60V	А	10 (3)
		110V	А	5 (3)
		220V	А	5 (4)
	DC13			
		24V	А	12
		48V	A	10
		60V	A	8
		110V	A	1
		220V	A	0.4
Derror all a la sel		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for te	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	-	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
		XBIVI	AWG	14
	Conductor size (IEC) - Flexible cable	<u>.</u>	2	o =
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10⁰
UL technical data			.,	
Motor power for direct	-on-line control			
	for three-phase motor	1001		A F
		120V	HP	1.5
		240V	HP	3
	for single-phase motor			

for single-phase motor

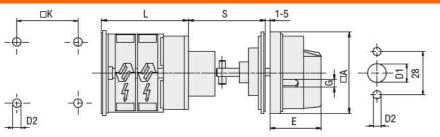


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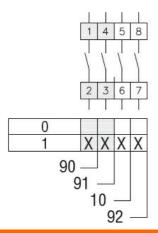
		120V	HP	0.5
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	ion			
Frontal IP degree				IP40
Terminals IP degree				IP00
Dimonsions				





Series	Dimensions			L							
361165	□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
	EAC

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ETIM classification

UL

ETIM 8.0

EC001029 -Selector switch, complete