## 7GN1210098



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 16A, 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			7GN12
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			
	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)		٨	10
	10kA 15kA	A A	16 10
	25kA	A	10
Rated short time current Icw	20101	7.	
	1s	kA	200
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		A	16
AC15	110V	٨	10
	220/230V	A A	10 8
	380/400V	A	4
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	2.5
	380/440V	kW	4
Single phase AC 2	500/690V	kW	5.5
Single-phase AC-3	110V	kW	0.8
	1100		

7GN1210098

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





ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 16A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM

		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 AC23A	000/0001		1.0
	Single phase A023A	110V	kW	0.8
		220/230V	kW	1.7
		380/440V		
Deterlar setter at a set		380/440V	kW	3
Rated operational curr				
	DC21A			
		48V	Α	12
		60V	A	12
		110V	Α	4
		220V	Α	0.6
		440V	А	0.25
	DC23A (poles in series)			
	N 7	24V	А	10 (1)
		48V	A	10 (2)
		60V	A	10 (3)
		110V	A	
				5 (3)
	<u> </u>	220V	A	5 (4)
	DC13		_	
		24V	A	12
		48V	А	10
		60V	Α	8
		110V	Α	1
		220V	А	0.4
		440V	А	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for te	erminals max		Nm	0.5
Conductor size				0.0
SUNULUI SIZE	AWG Bigid cable			
	AWG - Rigid cable			00
		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	3x10 <sup>6</sup>
UL technical data			oyule3	
	on line control			
Motor power for direct-				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
	for single-phase motor			

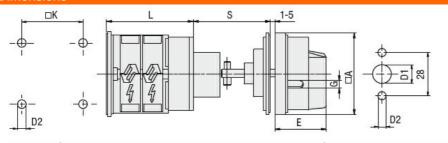
7GN1210O98



**7GN1210O98** ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 16A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM

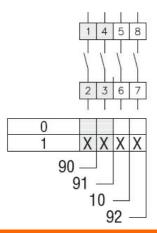
		120V	HP	0.5
		240V	HP	1
Ambient conditions				
Temperature				
-	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protec	tion			
Frontal IP degree				IP40
Terminals IP degree				IP00

## 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
	EAC

7GN1210O98

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





ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 16A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM

ETIM classification

UL

ETIM 8.0

EC001029 -Selector switch, complete