



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 designati General characteristics				7GN12
Switching diagram				07 - ON/OFF switch 3 poles
N° of elements				2
Mounting form				O98 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Rated insulation voltag				
		IEC/EN UL/CSA	V V	690 600
Rated impulse withstar Conventional free air th			kV	6
Conventional free air tr	iermai current itn	IEC/EN UL/CSA	A A	16 15
Rated operational volta	age		V	480
Rated operational imp	ulse voltage		kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	А	16
		15kA	A	10
		25kA	A	10
Rated short time curre	nt Icw	1s	А	200
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A		А	16
	AC15	110V	А	10
		220/230V	А	8
		380/400V	А	4
		660/690V	Α	1.5
Rated operational pow				
	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
		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			
		110V	kW	0.8

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



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		220/230V	kW	1.7
		380/440V	kW	3
Rated operational cu	Irrent in DC			
	DC21A			
		48V	А	12
		60V	A	12
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)		_	
		24V	A	10 (1)
		48V	А	10 (2)
		60V	А	10 (3)
		110V	А	5 (3)
		220V	A	5 (4)
	DC13		_	
		24V	A	12
		48V	A	10
		60V	А	8
		110V	А	1
		220V	А	0.4
		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				Mo
Terminals screw	r terminale may		Nim	M3
Tightening torque for Conductor size	terminals max		Nm	0.5
Conductor size	ANC Divid apple			
	AWG - Rigid cable			20
		min	AWG	20
	AWG - Flexible cable	Max	AWG	12
	AWG - Flexible cable			20
		min	AWG	20
	Conductor size (IEC) - Flexible cable	Max	AWG	14
	Conductor Size (IEC) - Flexible cable			0.5
		min	mm²	0.5
	Conductor size (IEC) Divid coble	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable		mm <sup>2</sup>	0.5
		min	mm²	0.5
Mechanical life		Max	mm <sup>2</sup>	2.5
Mechanical life			cycles	3x10 <sup>6</sup>
Motor power for dire	ct-on-line control			
	for three-phase motor	4001/	ЦБ	1 5
		120V	HP	1.5
	for single phase mater	240V	HP	3
	for single-phase motor			o =
		120V	HP	0.5
A see la iso se ta secondaria in se		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature		• •	05
		min	°C °C	-25
	<u></u>	max	°C	+55
	Storage temperature			

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		min max	°C °C	-40 +70
	& Protection			
Frontal IP of				IP40
Terminals I	-			IP00
Dimension				
_⊕_ - 0				
-⊕-     D2				
Orning	Dimensions L			
Series	□A D1 D2 E G □K S 1 2 312			
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 7GN40	65 14 5 38 6 48 45-55 51.5 66.6 81.7 217.6   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   65 14 6 38 6 68 45-55 57.3 75.4 93.5 256.4			
Wiring diag				
0 1 0	X X X X 5 06 07			
	08 —			
	ns and 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	
	UL	
ETIM classification	on	
ETIM 8.0		EC001029 - Selector switch.

Selector switch, complete