

7GN4007U25 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 40A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM

Product designation				Rotary cam
Product type designation	ation			switches 7GN40
General characterist				
Switching diagram				07 - ON/OFF
				switch 3 poles
N° of elements				2 U25 - Front
				mounting with
Mounting form				red/yellow handle
Mounting form				padlockable in 0
				and protection
Contact characterist				covers
Rated insulation volt				
	age of	IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withs	tand voltage Uimp	02,00,1	kV	6
Conventional free air			11.1	~
		IEC/EN	А	40
		UL/CSA	А	50
Rated operational vo	oltage		V	480
Rated operational im	npulse voltage		kV	4
Maximum fuse size f	for short-circuit protection In (gG)			
		10kA	А	40
		15kA	А	40
		25kA	А	40
		50kA	A	40
		63kA	A	40
Rated short time cur	rent Icw	4-	1. 4	4000
Conductivity		1s	kA	1000 10/5 mA/V
Conductivity Operational current				10/5 MA/ V
Operational current	AC1/AC21A			
	A01/A021A		А	40
	AC15			10
		110V	А	25
		220/230V	А	22
		380/400V	А	12
		660/690V	Α	2
Rated operational po				
	Three-phase AC-3			_
		220/230V	kW	8
		380/440V	kW	15
	Single phase AC 2	500/690V	kW	15
	Single-phase AC-3	110V	kW	3
		220/230V	kw	3 6.5
		380/440V	kW	8
	Three-phase AC23A	000,1101		-
		220/230V	kW	8
		380/440V	kW	18.5
		500/690V	kW	22

Single-phase AC23A

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		110V	kW	3
		220/230V	kW	6
		380/440V	kW	11
Deted energianal a	urrent in DC	300/440 V		11
Rated operational cu				
	DC21A			
		48V	Α	40
		60V	А	40
		110V	А	6
		220V		
		2200	A	0.9
	DC23A (poles in series)			
		24V	A	40 (1)
		48V	А	40 (2)
		60V	А	40 (3)
		110V	A	20 (3)
		220V	A	12 (4)
	DC13			
		24V	А	40
		48V	А	32
		60V	A	16
		110V	A	3
Power dissipation			W	2.0
Mechanical features				
Terminals screw				M4
Tightening torque fo	r terminals max		Nm	1.2
				1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
	AWO - Tiexible cable		A1A/C	4.0
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	6
	Conductor cite (IEC) Divid coble	INICA		0
	Conductor size (IEC) - Rigid cable		~	
		min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for dire	ect-on-line control			
motor power for dire				
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	20
		600V	HP	20
	for single phase motor	000 V		20
	for single-phase motor			•
		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
· · · · · · · · · · · · · · · · · · · ·	Operating temperature			
	Operating temperature			05
		min	°C	-25
		max	°C	+55
	Storage temperature			

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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

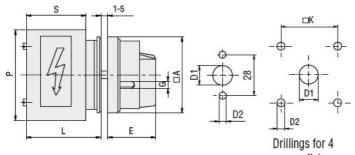


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	min max	℃° ℃	-40 +70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00

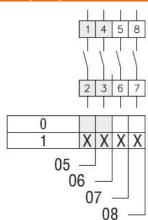
Dimensions



screws fixing (4V version).

Corioo	Dimensions								
Series	□A	D1	D2	E	G	□K	S	Р	L
7GN12	65	12	5	34.2	5	36	43	64	54.3
7GN20	65	12	5	34.2	5	36	43	64	54.3
7GN25	65	12	5	34.2	5	36	51	68	62.6
7GN32	65	14	5	38	6	48	55	77	71.7
7GN40	65	14	5	38	6	48	55	77	71.7

Wiring diagrams



Certifications 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		
ETIM 8.0		EC001029 - Selector switch, complete

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