



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 25A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM

				Rotary cam
Product designation				switches
Product type designation				7GN25
General characteristics				08 - ON/OFF
Switching diagram				switch 4 poles
N° of elements				2
				U25 - Front
				mounting with red/yellow handle
Mounting form				padlockable in 0
				and protection
				covers
Contact characteristics Rated insulation voltage				
Rateu irisulation voitage	e Oi	IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar	nd voltage Uimp		kV	6
Conventional free air th				
		IEC/EN	Α	25
		UL/CSA	Α	30
Rated operational volta			V	480
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)	401.4	٨	0.5
		10kA 15kA	A A	25 25
		25kA	A	25
Rated short time currer	nt Icw	2010 (- , ,	
		1s	kA	400
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
	10.17		A	25
	AC15	4401/	۸	4.0
		110V 220/230V	A A	16 12
		380/400V	A	8
		660/690V	Α	2
Rated operational pow	er in AC			
•	Three-phase AC-3			
		220/230V	kW	5.5
		380/440V	kW	7.5
	Ciarla abasa AC O	500/690V	kW	7.5
	Single-phase AC-3	110V	kW	1.5
		220/230V	kW	1.5 3
		380/440V	kW	5.5
	Three-phase AC23A		<u> </u>	
	•	220/230V	kW	6.5
		380/440V	kW	11
	·	500/690V	kW	11
	Single-phase AC23A	44017	1.147	4.5
		110V 220/230V	kW kW	1.5
		ZZU/Z3UV	r v v	3.7



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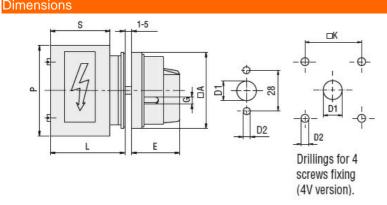
		380/440V	kW	5.5
Rated operational curr	ent in DC			
	DC21A			
		48V	Α	25
		60V	Α	25
		110V	Α	4
		220V	Α	0.7
	DC23A (poles in series)		_	
		24V	Α	25 (1)
		48V	Α	25 (2)
		60V	A	25 (3)
		110V	A	12 (3)
	B040	220V	Α	10 (4)
	DC13	0.41/	Δ.	0.5
		24V	A	25
		48V	A	20
		60V	A	16
		110V	A	1.5
		220V	A	0.4
Power dissipation			W	1.1
Mechanical features				140.5
Terminals screw				M3.5
Tightening torque for to	erminals max ————————————————————————————————————		Nm	0.8
Conductor size				
	AWG - Rigid cable		_	
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable		_	
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			_
	Conductor size (IEC) - Rigid cable	min	mm²	0.5
	Conductor size (IEC) - Rigid cable	min Max	mm²	4
Mechanical life	Conductor size (IEC) - Rigid cable			
UL technical data			mm²	4
	-on-line control		mm²	4
UL technical data		Max	mm² cycles	5x10 ⁶
UL technical data	-on-line control	Max 120V	mm² cycles	4 5x10 ⁶
UL technical data	-on-line control	120V 240V	mm² cycles HP HP	3 5
UL technical data	-on-line control	120V 240V 480V	mm² cycles HP HP HP	3 5 10
UL technical data	-on-line control for three-phase motor	120V 240V	mm² cycles HP HP	3 5
UL technical data	-on-line control	120V 240V 480V 600V	mm² cycles HP HP HP HP	3 5 10 15
UL technical data	-on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	3 5 10 1.5
UL technical data Motor power for direct-	-on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	3 5 10 15
UL technical data Motor power for direct-	-on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	3 5 10 1.5
UL technical data Motor power for direct-	-on-line control for three-phase motor for single-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	3 5 10 1.5
UL technical data Motor power for direct-	-on-line control for three-phase motor	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP	3 5 10 15 1.5 3
UL technical data Motor power for direct-	-on-line control for three-phase motor for single-phase motor	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP	4 5x10 ⁶ 3 5 10 15 1.5 3
UL technical data Motor power for direct-	-on-line control for three-phase motor for single-phase motor Operating temperature	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP	3 5 10 15 1.5 3
UL technical data Motor power for direct-	-on-line control for three-phase motor for single-phase motor	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP C°C	3 5 10 15 1.5 3
UL technical data Motor power for direct-	-on-line control for three-phase motor for single-phase motor Operating temperature	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP	4 5x10 ⁶ 3 5 10 15 1.5 3



ENERGY AND AUTOMATION

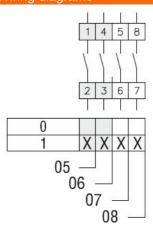
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	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00



Series	Dimensions								
	□A	D1	D2	Е	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