

**7GN2508U65** 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

Droduct decignation				<sup>a</sup> Rotary cam
Product designation				switches
Product type designa				7GN25
General characteristic	CS			08 - ON/OFF
Switching diagram				switch 4 poles
N° of elements				2
				U65 - Front
				mounting with
Mounting form				red/yellow handle
				padlockable in 0
				and protection covers
Contact characteristic	S			007013
Rated insulation volta				
	5	IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta	and voltage Uimp		kV	6
Conventional free air	thermal current Ith			
		IEC/EN	А	25
		UL/CSA	Α	30
Rated operational vol			V	480
Rated operational imp			kV	4
Maximum fuse size fo	or short-circuit protection In (gG)			
		10kA	A	25
		15kA 25kA	A	25
Rated short time curre	ent low	ZOKA	A	25
Rated Short time com		1s	А	400
Conductivity		13	Λ	10/5 mA/V
Operational current le	EC/EN			
	AC1/AC21A			
			А	25
	AC15			
		110V	А	16
		220/230V	А	12
		380/400V	Α	8
<b>.</b>		660/690V	A	2
Rated operational pov				
	Three-phase AC-3	220/2201/	L\\/	5 5
		220/230V 380/440V	kW kW	5.5 7.5
		500/690V	kW	7.5
	Single-phase AC-3	000,000 V		
		110V	kW	1.5
		220/230V	kW	3
		380/440V	kW	5.5
	Three-phase AC23A			
		220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A	44014	1.3.47	4.5
		110V	kW	1.5

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		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational c	urrent in DC			
	DC21A			
		48V	А	25
		60V	А	25
		110V	А	4
		220V	А	0.7
	DC23A (poles in series)			
		24V	А	25 (1)
		48V	А	25 (2)
		60V	А	25 (3)
		110V	A	12 (3)
		220V	A	10 (4)
	DC13			
		24V	А	25
		48V	A	20
		40V 60V	A	16
		110V	A	1.5
		220V	A	0.4
Power dissipation		2201	Ŵ	1.1
Mechanical features	s		VV	1.1
Terminals screw				M3.5
	r terminale may		Nm	
Tightening torque fo			INITI	0.8
Conductor size				
	AWG - Rigid cable			00
		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			
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10⁰
JL technical data				
Notor power for dire	ect-on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			
	<b>.</b> .	120V	HP	1.5
		240V	HP	3
Ambient conditions				
<b>Femperature</b>				
1	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature	IIIdX	0	100

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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

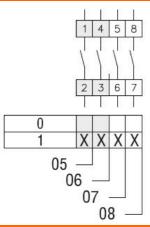


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	min max	°C ℃	-40 +70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			

Dimensions Series D1 2  $\square A$ D2 Е G □K 3. .12 1 D2 55.5 7GN12 65 12 5 34.2 5 36 36.1 45.8 142.8 65 5 34.2 5 45.8 7GN20 12 36 36.1 55.5 142.8 **DK** 5 36 7GN25 65 12 5 34.2 40.5 54.1 67.7 190.1 Standard drillings for 6 48 46.5 61.6 7GN32 65 14 5 38 76.7 212.6 7GN125. 7GN40 65 14 5 38 6 48 46.5 61.6 76.7 212.6 Drillings on request for 7GN63 65 14 5 38 6 48 50.3 68.4 86.5 249.4 4 screws fixing (4V version). 7GN125 90 16 6 49 7 68 67.3 96.4 125.5 394.9

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
FTIM classification	

EC001029 -Selector switch, complete

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**ETIM 8.0** 

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