

## **7GN2508U** ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 25A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam
Product type designation			switches 7GN25
General characteristics			101123
Switching diagram			08 - ON/OFF
			switch 4 poles
N° of elements			2 U - Front
Mounting form			mounting with
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	Α	25
	UL/CSA	A	30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	A	25
	15kA 25kA	A	25 25
Rated short time current Icw	ZOKA	A	25
Rated Short time current icw	1s	kA	400
Conductivity	13	N/1	10/5 mA/V
Operational current le IEC/EN			10/3 11/4 0
AC1/AC21A			
		А	25
AC15			
	110V	А	16
	220/230V	А	12
	380/400V	А	8
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	5.5
	380/440V	kW	7.5
Circle phase AO O	500/690V	kW	7.5
Single-phase AC-3	44017	1/1/	15
	110V 220/230V	kW kW	1.5 3
	220/230V 380/440V	kw kW	3 5.5
Three-phase AC23A	300/4401	IX V V	5.5
mice phase rozor	220/230V	kW	6.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC23A		-	
	110V	kW	1.5
	220/230V	kW	3.7
	380/440V	kW	5.5

## Rated operational current in DC

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	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	А	12 (3)	
		220V	А	10 (4)	
	DC13				
		24V	А	25	
		48V	A	20	
		60V	A	16	
		110V	A	1.5	
		220V	A	0.4	
Power dissipation		2201		1.1	
Mechanical features			vv		
Terminals screw				M3.5	
Tightening torque for	terminals may		Nm	0.8	
Conductor size			INIII	0.0	
Conductor size	ANAC Disid coble				
	AWG - Rigid cable		A \ A \ O	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	
		Max	111111	4	
Mechanical life		IVIAX	cycles	5x10 <sup>6</sup>	
Mechanical life UL technical data		IVIAX			
	t-on-line control	Wax			
UL technical data	t-on-line control for three-phase motor				
UL technical data		120V			
UL technical data			cycles	5x10 <sup>6</sup>	
UL technical data		120V	cycles HP	5x10 <sup>6</sup>	
UL technical data		120V 240V	cycles HP HP	5x10 <sup>6</sup> 3 5	
UL technical data	for three-phase motor	120V 240V 480V	cycles HP HP HP	5x10 <sup>6</sup> 3 5 10	
UL technical data		120V 240V 480V	cycles HP HP HP	5x10 <sup>6</sup> 3 5 10	
UL technical data	for three-phase motor	120V 240V 480V 600V	Cycles HP HP HP HP	5x10 <sup>6</sup> 3 5 10 15 1.5	
UL technical data Motor power for direc	for three-phase motor	120V 240V 480V 600V 120V	Cycles HP HP HP HP	5x10 <sup>6</sup> 3 5 10 15	
UL technical data Motor power for direc	for three-phase motor	120V 240V 480V 600V 120V	Cycles HP HP HP HP	5x10 <sup>6</sup> 3 5 10 15 1.5	
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UL technical data Motor power for direc	for three-phase motor	120V 240V 480V 600V 120V 240V	Cycles HP HP HP HP HP	5x10 <sup>6</sup> 3 5 10 15 1.5 3	
UL technical data Motor power for direc	for three-phase motor	120V 240V 480V 600V 120V 240V	cycles HP HP HP HP HP	5x10 <sup>6</sup> 3 5 10 15 1.5 3	
UL technical data Motor power for direc	for three-phase motor for single-phase motor Operating temperature	120V 240V 480V 600V 120V 240V	Cycles HP HP HP HP HP	5x10 <sup>6</sup> 3 5 10 15 1.5 3	
UL technical data Motor power for direc	for three-phase motor	120V 240V 480V 600V 120V 240V min max	Cycles HP HP HP HP HP HP C °C	5x10 <sup>6</sup> 3 5 10 15 1.5 3 -25 +55	
UL technical data Motor power for direc	for three-phase motor for single-phase motor Operating temperature	120V 240V 480V 600V 120V 240V min max	Cycles HP HP HP HP HP C °C °C	5x10 <sup>6</sup> 3 5 10 15 1.5 3 -25 +55 -40	
UL technical data Motor power for direc	for three-phase motor for single-phase motor Operating temperature Storage temperature	120V 240V 480V 600V 120V 240V min max	Cycles HP HP HP HP HP HP C °C	5x10 <sup>6</sup> 3 5 10 15 1.5 3 -25 +55	

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Frontal IP degree		IP40
Terminals IP degre	e	IP00
Dimensions		
Wiring diagrams		
05 — 06 — 07		
Certifications and c	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		
		EC001029 -

ETIM 8.0

Selector switch, complete