## 7GN2584U47



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4-5, 1 POLE 25A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product designation			Rotary cam
ů –			switches
Product type designation General characteristics			7GN25
Switching diagram			84 - Multi-step 1- 2-3-4-5 1 pole
N° of elements			3
Mounting form			U47 - Snap on fron mounting with black handle for hole diam.
			22mm finxing
Contact characteristics			
Rated insulation voltage Ui		.,	
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	01/03A	kV	6
Conventional free air thermal current Ith		κv	0
	IEC/EN	А	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	А	25
	15kA	A	25
	25kA	A	25
Rated short time current Icw	10	L۸	400
Conductivity	1s	kA	400 10/5 mA/V
Operational current le IEC/EN			10/5 1117/ 1
AC1/AC21A			
		А	25
AC15			_
	110V	А	16
	220/230V	А	12
	380/400V	А	8
	660/690V	A	2
Rated operational power in AC			
Three-phase AC-3	220/2201/	L\\/	<b>F F</b>
	220/230V 380/440V	kW kW	5.5 7.5
	500/690V	kW	7.5
Single-phase AC-3	000,0001		
3 1 444 4	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
Single shace AC22A	500/690V	kW	11
Single-phase AC23A	110V	kW	1.5
	220/230V	kW	3.7
	380/440V	kW	5.5

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Rated operational cu	rrent in DC			
	DC21A			
		48V	А	25
		60V	А	25
		110V	А	4
		220V	A	0.7
	DC23A (poles in series)	2201	7.	0.1
	Dezon (poles in selies)	24V	А	25 (1)
		24 V 48 V		25 (1)
			A	25 (2)
		60V	A	25 (3)
		110V	А	12 (3)
		220V	A	10 (4)
	DC13			
		24V	А	25
		48V	А	20
		60V	А	16
		110V	А	1.5
		220V	A	0.4
Power dissipation		2207	W	1.1
Mechanical features			vv	1.1
				M3.5
Terminals screw				
Tightening torque for	terminals 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) Pigid coble	IvidA	111111	7
	Conductor size (IEC) - Rigid cable			0.5
			mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10⁰
UL technical data				
Motor power for direc	ct-on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor	0007		.~
	ior single-phase motor	120V	Пυ	15
			HP	1.5
And		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°Č	+70
		Παλ	5	

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IP40

IP00



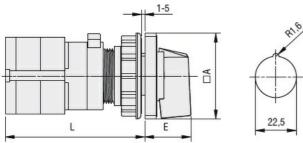
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## Resistance & Protection

Frontal IP degree

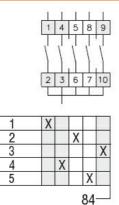
## Terminals IP degree

Dimensions



Series	Dimensions		L			
	□A	E	1	2	3	8
7GN12	48	26.5	58	67.7	77.4	125.9
7GN20	48	26.5	58	67.7	77.4	125.9
7GN25	48	26.5	62.4	76	89.6	157.6

## Wiring diagrams



#### Certifications and compliance

## Compliance

С

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	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	
TIM classification		
		EC001029 -
ETIM 8.0		Selector switch,

complete

