7GN25136U47



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3, 3 POLES 25A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

			Rotary cam
Product designation			switches
Product type designation			7GN25
General characteristics			136 - Multi-step
Switching diagram			0-1-2-3 3 poles
N° of elements			5
			U47 - Snap on
Mounting form			fron mounting with black handle
Mounting form			for hole diam.
			22mm finxing
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Deted immulae withotopolycetopol Llinen	UL/CSA	V kV	600 6
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		ĸv	0
	IEC/EN	А	25
	UL/CSA	A	30
Rated operational voltage	02,00,1	V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	25
	15kA	А	25
	25kA	A	25
Rated short time current Icw	4 -	1. 4	400
Conductivity	1s	kA	400 10/5 mA/V
Conductivity Operational current le IEC/EN			10/5 IIIA/ V
AC1/AC21A			
		А	25
AC15			
	110V	А	16
	220/230V	А	12
	380/400V	A	8
Detect exerctional neuron in AC	660/690V	A	2
Rated operational power in AC Three-phase AC-3			
Thee-phase AC-5	220/230V	kW	5.5
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC-3			
	110V	kW	1.5
	220/230V	kW	3
T I A 000 A	380/440V	kW	5.5
Three-phase AC23A	220/2201/	L\\/	6 5
	220/230V 380/440V	kW kW	6.5 11
	500/690V	kW	11
Single-phase AC23A	000,000 1		<u></u>
	110V	kW	1.5
	220/230V	kW	3.7
	380/440V	kW	5.5

7GN25136U47

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48X48MM

Rated operational cur	rrent in DC			
	DC21A			
		48V	А	25
		40V 60V	A	25
		110V	A	4
		220V	Α	0.7
	DC23A (poles in series)			
		24V	А	25 (1)
		48V	A	
				25 (2)
		60V	A	25 (3)
		110V	Α	12 (3)
		220V	А	10 (4)
	DC13			
		24V	А	25
		48V	A	20
		60V	А	16
		110V	А	1.5
		220V	А	0.4
Power dissipation			W	1.1
Mechanical features			vv	
Terminals screw				M3.5
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			
				0.5
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	4
Mechanical life		Max		5x10 ⁶
			cycles	5810
UL technical data				
Motor power for direct	t-on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
Ambient conditions		2107		-
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature	max	-	
	Siorage temperature	!	° ^	40
		min	°C	-40
		max	°C	+70

7GN25136U47

7GN25136U47

IP40

IP00



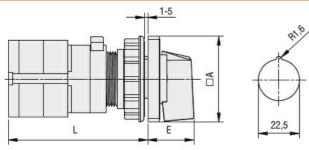
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Resistance & Protection

Frontal IP degree

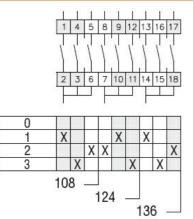
Terminals IP degree

Dimensions



Cariaa	Dimer	nsions			L	
Series	□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

7GN25136U47

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

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