7GN2566U47



ROTARY CAM SWITCH 7GN SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL AND PHASE-PHASE VOLTAGES 25A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product designation				Rotary cam
-				switches
Product type designati				7GN25
General characteristics Switching diagram	5			66 - Voltmeter switch for phase- neutral and phase-phase voltages
N° of elements				3
Mounting form				U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics				
Rated insulation voltag		IEC/EN UL/CSA	V V	690 600
Rated impulse withstar			kV	6
Conventional free air th	nermal current Ith	IEC/EN UL/CSA	A A	25 30
Rated operational volta	age		V	480
Rated operational imp			kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	A	25
		15kA	A	25
Detailed at the second		25kA	A	25
Rated short time curre	nticw	10	ĿΛ	400
Conductivity		1s	kA	400 10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A		A	25
	AC15			
		110V	А	16
		220/230V	А	12
		380/400V	А	8
		660/690V	A	2
Rated operational pow				
	Three-phase AC-3	000/000)/		
		220/230V 380/440V	kW kW	5.5 7.5
		500/690V	kW	7.5
	Single-phase AC-3	500/090V	IX V V	1.0
		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			

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		110V	kW	1.5	
		220/230V	kW	3.7	
		380/440V	kW	5.5	
Rated operational cu					
	DC21A				
		48V	А	25	
		60V	А	25	
		110V	А	4	
		220V		ч 0.7	
		2200	Α	0.7	
	DC23A (poles in series)		_	/	
		24V	A	25 (1)	
		48V	Α	25 (2)	
		60V	А	25 (3)	
		110V	А	12 (3)	
		220V	A	10 (4)	
	DC13	2201		10(1)	
	DC13	0.41/	^	05	
		24V	A	25	
		48V	А	20	
		60V	А	16	
		110V	А	1.5	
		220V	А	0.4	
Power dissipation		2201	W	1.1	
			VV	1.1	
Mechanical features				140 5	
Terminals screw				M3.5	
Tightening torque for	terminals max		Nm	0.8	
Conductor size					
	AWG - Rigid cable				
	9 • • • • • • • • • •	min	AWG	20	
		Max	AWG	10	
		Ινίαλ	AWG	10	
	AWG - Flexible cable	_			
	AWG - Flexible cable	min	AWG	20	
	AWG - Flexible cable	min Max	AWG AWG	20 12	
	AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max	AWG	12	
		Max min	AWG	12 0.5	
	Conductor size (IEC) - Flexible cable	Max	AWG	12	
		Max min Max	AWG mm² mm²	12 0.5 4	
	Conductor size (IEC) - Flexible cable	Max min Max min	AWG mm ² mm ² mm ²	12 0.5 4 0.5	
	Conductor size (IEC) - Flexible cable	Max min Max	AWG mm² mm²	12 0.5 4 0.5 4	
Mechanical life	Conductor size (IEC) - Flexible cable	Max min Max min	AWG mm ² mm ² mm ²	12 0.5 4 0.5	
Mechanical life UL technical data	Conductor size (IEC) - Flexible cable	Max min Max min	AWG mm ² mm ² mm ²	12 0.5 4 0.5 4	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min	AWG mm ² mm ² mm ²	12 0.5 4 0.5 4	
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min	AWG mm ² mm ² mm ²	12 0.5 4 0.5 4	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG mm² mm² mm² cycles	12 0.5 4 0.5 4 5x10 ⁶	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V	AWG mm² mm² mm² cycles	12 0.5 4 0.5 4 5x10 ⁶	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V	AWG mm² mm² mm² cycles HP HP	12 0.5 4 0.5 4 5x10 ⁶	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V 480V	AWG mm² mm² mm² cycles	12 0.5 4 0.5 4 5x10 ⁶	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V	AWG mm² mm² mm² cycles HP HP	12 0.5 4 0.5 4 5x10 ⁶	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V 480V	AWG mm² mm² mm² cycles HP HP HP	12 0.5 4 0.5 4 5x10 ⁶	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP	12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP	12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15 1.5	
UL technical data Motor power for direc	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP	12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15	
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP	12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15 1.5	
UL technical data Motor power for direc	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP	12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15 1.5	
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP	12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15 1.5	
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor for single-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP	12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15 1.5 3	
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor for single-phase motor	Max min Max min Max 120V 240V 480V 600V 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP HP	12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15 1.5	

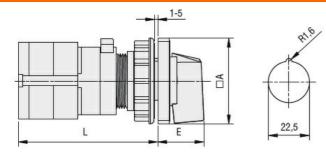
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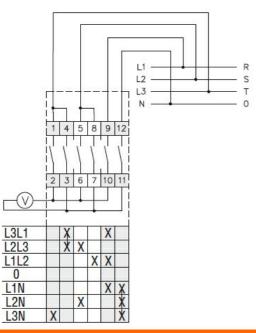
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Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			



Cariaa	Dimensions		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

	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

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ETIM classification

ETIM 8.0

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> EC001029 -Selector switch, complete