



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
Product type designa	ation			switches 7GN25
General characteristic				701123
Switching diagram				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 characteristic				
Rated insulation volta		IEC/EN UL/CSA	V V	690 600
Rated impulse withsta Conventional free air			kV	6
Conventional free all	mermai current im	IEC/EN UL/CSA	A A	25 30
Rated operational vol	ltage		V	480
Rated operational im			kV	4
Maximum fuse size for	or short-circuit protection In (gG)			
		10kA	Α	25
		15kA	A	25
Rated short time curr	ont low	25kA	Α	25
Rateu Short time cum	enticw	1s	kA	400
Conductivity		13	IV-1	10/5 mA/V
Operational current le	e IEC/EN			10/0 111/ 4 4
oporational outrons is	AC1/AC21A		Α	25
	AC15			
		110V	Α	16
		220/230V	Α	12
		380/400V	A	8
Data d an anathroni		660/690V	Α	2
Rated operational por				
	Three-phase AC-3	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
		380/440V	kW	5.5
	Three-phase AC23A	000/000	1300	0.5
		220/230V	kW	6.5
		380/440V 500/690V	kW kW	11 11
	Single-phase AC23A	300/0907	r\ v v	11
	Single phase AGZOA			





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		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Data dan anational aun	manut in DO	360/440 V	N V V	5.5
Rated operational cur				
	DC21A			
		48V	Α	25
		60V	Α	25
		110V	Α	4
		220V	Α	0.7
	DC22 A (polog in poriog)	220 V		0.1
	DC23A (poles in series)	0.41/	^	05 (4)
		24V	Α	25 (1)
		48V	Α	25 (2)
		60V	Α	25 (3)
		110V	Α	12 (3)
		220V	Α	10 (4)
	DC13			(.)
	2010	24V	Α	25
		48V	Α	20
		60V	Α	16
		110V	Α	1.5
		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for t	terminais max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
			AWG	20
		min	AVVG	20
	AWG - Flevible cable	Max	AWG	10
	AWG - Flexible cable	Max	AWG	10
	AWG - Flexible cable	Max min	AWG	20
		Max	AWG	10
	AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG	10 20 12
		Max min	AWG	20
		Max min Max	AWG AWG AWG	10 20 12
	Conductor size (IEC) - Flexible cable	Max min Max min	AWG AWG AWG	10 20 12 0.5
		Max min Max min Max	AWG AWG AWG mm² mm²	10 20 12 0.5 4
	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm² mm²	10 20 12 0.5 4
Machanias Life	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm² mm² mm² mm²	10 20 12 0.5 4
Mechanical life	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm² mm²	10 20 12 0.5 4
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG AWG AWG mm² mm² mm² mm²	10 20 12 0.5 4
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG AWG AWG mm² mm² mm² mm²	10 20 12 0.5 4
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG AWG AWG mm² mm² mm² mm²	10 20 12 0.5 4
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max	AWG AWG AWG mm² mm² mm² mm²	10 20 12 0.5 4 0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max	AWG AWG AWG mm² mm² cycles	10 20 12 0.5 4 0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max 120V 240V	AWG AWG AWG mm² mm² cycles	10 20 12 0.5 4 0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max 120V 240V 480V	AWG AWG AWG mm² mm² cycles HP HP	10 20 12 0.5 4 0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V	AWG AWG AWG mm² mm² cycles	10 20 12 0.5 4 0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP	10 20 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 t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP HP	10 20 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 t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP	10 20 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 t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP HP	10 20 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 t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP HP	10 20 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 t-on-line control for three-phase motor for single-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP HP	10 20 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 t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V 120V 240V	AWG AWG AWG mm² mm² cycles HP HP HP HP	10 20 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 t-on-line control for three-phase motor for single-phase motor	Max min Max min Max min Max 120V 240V 480V 600V 120V 240V 240V	AWG AWG AWG mm² mm² mm² cycles HP HP HP HP HP HP	10 20 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 t-on-line control for three-phase motor for single-phase motor	Max min Max min Max min Max 120V 240V 480V 600V 120V 240V	AWG AWG AWG mm² mm² mm² cycles HP HP HP HP	10 20 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15 1.5 3

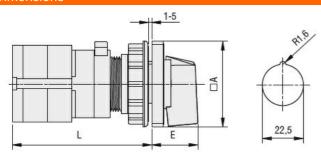




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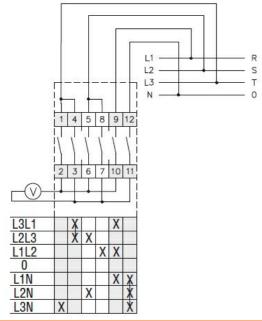
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00

Dimensions



Carias	Dimensions		L			
Series	□A	Е	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

EC001029 -Selector switch, complete