

ROTARY CAM SWITCH 7GN SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL AND PHASE-PHASE VOLTAGES 32A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

7GN3266U

Product designation			Rotary cam
Product type designation			switches 7GN32
General characteristics			101102
Switching diagram			66 - Voltmeter switch for phase- neutral and phase-phase voltages
N° of elements			3
Mounting form			U - Front mounting with black handle
Contact characteristics			
Rated insulation voltage Ui	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEC/EN UL/CSA	A A	32 40
Rated operational voltage	01/00/1	V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA 15kA 25kA	A A A	32 32 32
Rated short time current Icw	50kA	A	32
Rated short time current icw	1s	А	800
Conductivity	13	Α	10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		A	32
AC15			
	110V 220/230V 380/400V	A A A	25 20 10
	660/690V	А	2
Rated operational power in AC Three-phase AC-3			
	220/230V 380/440V 500/690V	kW kW kW	7.5 11
Single-phase AC-3	000/090V	r v v	11
	110V	kW	2.2
	220/230V 380/440V	kW kW	4 6.5
Three-phase AC23A	30U/44UV	r v v	0.0
Thee-phase Auzon	220/230V	kW	8
	380/440V 500/690V	kW kW	15 18.5
Single phase AC22A			

Single-phase AC23A



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		110V	kW	2.2	
		220/230V	kW	4	
		380/440V	kW	7.5	
Rated operational cur	rent in DC				
	DC21A				
		48V	А	32	
		60V	A	32	
		110V	А	6	
		220V	А	0.9	
	DC23A (poles in series)				
	DOZSA (poles in series)	0.01/		00 (1)	
		24V	A	32 (1)	
		48V	A	32 (2)	
		60V	А	32 (3)	
		110V	А	15 (3)	
		220V	Α	12 (4)	
	DC13				
		24V	А	32	
		48V	А	25	
		60V	Α	16	
		110V	А	3	
		220V	А	0.5	
Power dissipation			W	1.5	
			VV	1.5	
Mechanical features					
Terminals screw				M4	
Tightening torque for	terminals max		Nm	1.2	
Conductor size					
	AWG - Rigid cable				
		min	AWG	16	
		Max	AWG	8	
	AWG - Elexible cable				
	AWG - Flexible cable	min	A)A/C	16	
	AWG - Flexible cable	min	AWG	16	
	AWG - Flexible cable	min Max	AWG AWG	16 10	
	AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max	AWG	10	
		Max min	AWG	10 1.5	
	Conductor size (IEC) - Flexible cable	Max	AWG	10	
		Max min	AWG mm² mm²	10 1.5 4	
	Conductor size (IEC) - Flexible cable	Max min	AWG	10 1.5	
	Conductor size (IEC) - Flexible cable	Max min Max min	AWG mm ² mm ² mm ²	10 1.5 4 1.5	
Machanical life	Conductor size (IEC) - Flexible cable	Max min Max	AWG mm ² mm ² mm ²	10 1.5 4 1.5 6	
Mechanical life	Conductor size (IEC) - Flexible cable	Max min Max min	AWG mm ² mm ² mm ²	10 1.5 4 1.5	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min	AWG mm ² mm ² mm ²	10 1.5 4 1.5 6	
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UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG mm² mm² mm² cycles	10 1.5 4 1.5 6 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	10 1.5 4 1.5 6 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	10 1.5 4 1.5 6 5x10 ⁶ 5 10	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V	AWG mm² mm² mm² cycles	10 1.5 4 1.5 6 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	10 1.5 4 1.5 6 5x10 ⁶ 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 120V 240V	AWG mm² mm² mm² cycles HP HP	10 1.5 4 1.5 6 5x10 ⁶ 5 10	
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	10 1.5 4 1.5 6 5x10 ⁶ 5 10 15 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 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP	10 1.5 4 1.5 6 5x10 ⁶ 5 10 15 15 2	
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 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP	10 1.5 4 1.5 6 5x10 ⁶ 5 10 15 15	
UL technical data Motor power for direc	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP	10 1.5 4 1.5 6 5x10 ⁶ 5 10 15 15 2	
UL technical data Motor power for direc	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP	10 1.5 4 1.5 6 5x10 ⁶ 5 10 15 15 2	
UL technical data Motor power for direc	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 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP	10 1.5 4 1.5 6 5x10 ⁶ 5 10 15 15 2	
UL technical data Motor power for direc	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP HP	10 1.5 4 1.5 6 5x10 ⁶ 5 10 15 15 2 5 10	
UL technical data Motor power for direc	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 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP HP HP	10 1.5 4 1.5 6 5x10° 5 10 15 15 2 5 -25	
UL technical data Motor power for direc	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 120V 240V 480V 600V 120V 240V 480V 600V	AWG mm² mm² cycles HP HP HP HP HP	10 1.5 4 1.5 6 5x10 ⁶ 5 10 15 15 2 5 10	

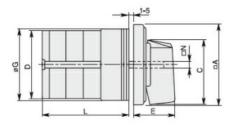
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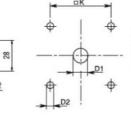
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Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP40	
Terminals IP degree			IP00	
Dimensions				

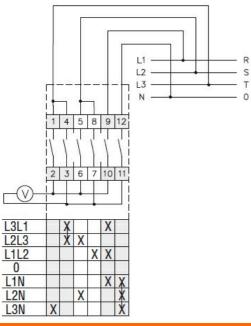




Standard drillings for 7GN125. Drillings on request for 4 screws fixing (4V version). 7GN3266U

Series	Dimensions L Number of elements																				
Series	□A	С	ØD	ØD1	ØD2	Е	ØG	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN20	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN25	48	39.5	43	12	5	26.5	38	36	6	40.5	54.1	67.7	81.3	94.9	108.5	122.1	135.7	147.3	162.9	176.5	190.1
7GN32	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN40	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN63	65	53	62	14	5	34.5	58.5	48	7	50.3	68.4	86.5	104.6	122.7	140.8	158.9	177	195.1	213.2	231.3	249.4
7GN125	90	70.5	86	16	6	41.5	84	68	9	67.3	96.4	125.5	154.6	183.7	220.3	249.4	278.5	307.6	336.7	365.8	394.9

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

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	cCSAus
	EAC
	UL
ETIM classification	

ETIM 8.0

EC001029 -Selector switch, complete