

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 designatio	on			Rotary cam switches
Product type desig	7GN32			
General characteri				
Switching diagram				66 - Voltmeter switch for phase- neutral and phase-phase voltages 3
				U - Front
Mounting form				mounting with black handle
Contact characteris				
Rated insulation vo	oltage Ui			
		IEC/EN	V	690
		UL/CSA	V	600
	nstand voltage Uimp		kV	6
Conventional free a	air thermal current Ith		•	20
		IEC/EN	A	32
Rated operational	voltago	UL/CSA	A V	40 480
Rated operational			kV	480
	e for short-circuit protection In (gG)		ΝV	7
	e for short chedit protection in (ge)	10kA	А	32
		15kA	A	32
		25kA	A	32
		50kA	А	32
Rated short time c	urrent Icw			
		1s	kA	800
Conductivity				10/5 mA/V
Operational curren				
	AC1/AC21A			
			Α	32
	AC15	110\/	٨	25
		110V 220/230V	A A	25 20
		380/400V	A	10
		660/690V	A	2
Rated operational	power in AC			—
	Three-phase AC-3			
	•	220/230V	kW	7.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC-3			
		110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	6.5
	Three-phase AC23A	000/0001	1-1.1.1	0
		220/230V 380/440V	kW kW	8 15
		380/440V 500/690V	kvv kW	18.5
	Single-phase AC23A	000/000V		10.0
		110V	kW	2.2

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ENERGY AND AUTOMATION

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		220/230V	kW	4
		380/440V	kW	7.5
Rated operational cu	rrent in DC			
	DC21A			
	DOZIA	48V	А	32
		40V 60V	A	32
		110V		6
			A	
		220V	A	0.9
	DC23A (poles in series)	0.01/	•	00 (4)
		24V	A	32 (1)
		48V	A	32 (2)
		60V	А	32 (3)
		110V	А	15 (3)
		220V	А	12 (4)
	DC13			
		24V	А	32
		48V	А	25
		60V	A	16
		110V	A	3
		220V		0.5
Dowor dissinction		2200	A W	
Power dissipation			VV	1.5
Mechanical features				N44
Terminals screw				M4
Tightening torque for	terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable		_	-
		min	mm²	1.5
		Max	mm²	4
	Conductor size (IEC) Disid coble	IVIAA	111111	4
	Conductor size (IEC) - Rigid cable		2	1 E
		min	mm²	1.5
		Max	mm²	6
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct				
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	15
		600V	HP	15
	for single-phase motor	0001		
	ior single-phase motor	120V	HP	2
A male is not seen that		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			

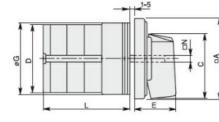
Storage temperature

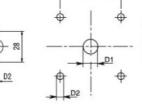
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	min max	°C ℃	-40 +70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			

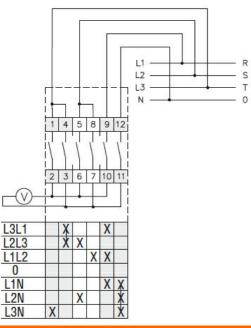




Standard drillings for 7GN125. Drillings on request for 4 screws fixing (4V version). 7GN3266U

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

cCSAus

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	EAC
	UL
TIM classification	

ETIM 8.0

E

EC001029 -Selector switch, complete

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