CONTROL CONTROL OF THE CONTROL



Product designation				Rotary cam
-				switches
Product type designat				7GN12
General characteristic	.5			98 - Ammeter
Switching diagram				switch
N° of elements				3
				U - Front
Mounting form				mounting with
				black handle
Contact characteristic				
Rated insulation voltage	ge Ui		.,	
		IEC/EN	V	690
Rated impulse withsta	and voltage Llimp	UL/CSA	V kV	600 6
Conventional free air t			ĸv	0
		IEC/EN	А	16
		UL/CSA	A	15
Rated operational volt	ade		V	480
Rated operational imp	•		kV	4
	r short-circuit protection In (gG)			
		10kA	А	16
		15kA	А	10
		25kA	А	10
Rated short time curre	ent Icw			
		1s	kA	200
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A		٨	4.0
	AC15		A	16
	ACTS	110V	А	10
		220/230V	A	8
		380/400V	A	4
		660/690V	А	1.5
Rated operational pov	ver in AC			
	Three-phase AC-3			
		220/230V	kW	2.5
		380/440V	kW	4
		500/690V	kW	5.5
	Single-phase AC-3	44014	1.3.47	0.0
		110V	kW	0.8
		220/230V 380/440V	kW kW	1.5 2.2
	Three-phase AC23A	500/440V	r v v	2.2
		220/230V	kW	3
		220,200 V	1	<u> </u>

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



7GN1298U electric ROTARY CAM SWITCH 7GN SERIES, AMMETER SWITCH 16A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

		380/440V	kW	5.5
		500/690V	kW	7.5
	Single-phase AC23A			
		110V	kW	0.8
		220/230V	kW	1.7
		380/440V	kW	3
Rated operational of	current in DC			
·	DC21A			
		48V	А	12
		60V	А	12
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	10 (1)
		48V	A	10 (2)
		40V 60V	A	10 (2)
		110V	A	5 (3)
		220V	A	5 (4)
	DC13	2201	~	ד) ס
	0013	24V	А	12
		24 V 48 V	A	
		48V 60V		10
			A	8
		110V	A	1
		220V	A	0.4
Den en l'action d'act		440V	<u>A</u>	0.15
Power dissipation Mechanical feature			W	0.8
Terminals screw	5			M3
Tightening torque for	or terminals may		Nm	0.5
Conductor size			1 111	0.0
CONDUCION SIZE	AVA/C Digid apple			
	AWG - Rigid cable	min		20
		min	AWG	
		Max	AWG	12
	AWG - Flexible cable		A14/0	20
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable		-	o =
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
				0 -
		Max	mm²	2.5
Mechanical life		Max	mm² cycles	2.5 3x10 ⁶
UL technical data		Max		
		Max		
UL technical data	ect-on-line control for three-phase motor		cycles	3x10 [¢]
UL technical data		<u>Max</u> 120V		
UL technical data			cycles	3x10 [¢]
UL technical data		120V	cycles HP	3x10 ^e
UL technical data	for three-phase motor	120V	cycles HP	3x10 ^e
UL technical data	for three-phase motor	120V 240V	cycles HP HP	3x10 ⁶ 1.5 3

Temperature

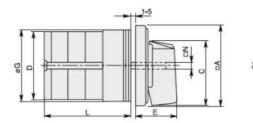
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7GN1298U electric ROTARY CAM SWITCH 7GN SERIES, AMMETER SWITCH 16A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00

Dimensions



D2 +

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

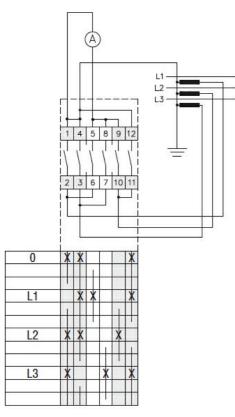
Carias	Dimensions							L Number of elements													
Series	□A	C	ØD	ØD1	ØD2	E	ØG	□K	ΠN	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN20	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	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

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Wiring diagrams



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Certifications and com	npliance	
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		
ETIM 8.0		EC001029 - Selector switch,

Selector switch, complete

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