7GN3298U

ENERGY AND AUTOMATION

OVE

BLACK HANDLE, FRONT PLATE 65X65MM

Product designation			Rotary cam switches
Product type designation			7GN32
General characteristics			
Switching diagram			98 - Ammeter switch
N° of elements			3
Mounting form			U - Front mounting with
Contact characteristics			black handle
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	v	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			-
	IEC/EN	А	32
	UL/CSA	A	40
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	32
	15kA	А	32
	25kA	А	32
	50kA	А	32
Rated short time current Icw			
	1s	kA	800
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	32
AC15			
	110V	А	25
	220/230V	А	20
	380/400V	А	10
	660/690V	А	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			
	220/230V	kW	8
	380/440V	kW	15
	500/690V	kW	18.5
Single-phase AC23A			
	110V	kW	2.2
	220/230V	kW	4
	380/440V	kW	7.5



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Rated operational cu	urrent in DC				
	DC21A				
		48V	А	32	
		60V	А	32	
		110V	А	6	
		220V	А	0.9	
	DC23A (poles in series)				
		24V	А	32 (1)	
		48V	A	32 (2)	
		60V	А	32 (3)	
		110V	А	15 (3)	
		220V	A	12 (4)	
	DC13				
		24V	A	32	
		48V	A	25	
		60V	A	16	
		110V	A	3	
<u> </u>		220V	<u>A</u>	0.5	
Power dissipation			W	1.5	
Mechanical features Terminals screw				M4	
	r terminale may		Nm	1.2	
Tightening torque for Conductor size			INITI	1.2	
Conductor size	ANAC Digid apple				
	AWG - Rigid cable	min	AWG	16	
		Max	AWG	8	
	AWG - Flexible cable	IVIAX	AWG	0	
	AWG - Flexible Cable	min	AWG	16	
		Max	AWG	10	
	Conductor size (IEC) - Flexible cable	IVIAX	AWG	10	
	Conductor size (IEC) - Trexible cable	min	mm²	1.5	
		Max	mm²	4	
	Conductor size (IEC) - Rigid cable	IVIAX	111111	4	
		min	mm²	1.5	
		Max	mm²	6	
Mechanical life		IVICA	cycles	5x10 ⁶	
UL technical data			0yole3	0,110	
Motor power for dire	ct-on-line control				
	for three-phase motor				
		120V	HP	5	
		240V	HP	10	
		480V	HP	15	
		600V	HP	15	
	for single-phase motor				
		120V	HP	2	
		240V	HP	5	
Ambient conditions					
Temperature					
	Operating temperature				
		min	°C	-25	
		max	°Č	+55	
	Storage temperature				
	<u> </u>	min	°C	-40	
			00		

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°C

max

+70



7GN3298U electric ROTARY CAM SWITCH 7GN SERIES, AMMETER SWITCH 32A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

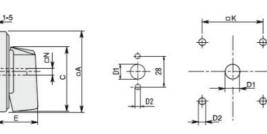
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Resistance & Protection

Frontal IP degree

Terminals IP degree

Dimensions



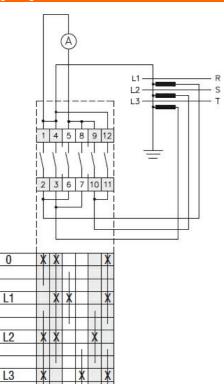
Standard drillings for 7GN125. Drillings on request for 4 screws fixing (4V version).

IP40

IP00

Corios	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		

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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



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	UL60947-4-1	
Certificates		
	cCSAus	
	EAC	
	UL	
ETIM classification	bn .	
		EC001029 -
ETIM 8.0		Selector switch,

complete