

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 16A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM



Product designation			Rotary cam
-			switches
Product type designation General characteristics			7GN12
			90 - ON/OFF
Switching diagram			switch 1 pole
N° of elements			1
			U65 - Front
			mounting with
Mounting form			red/yellow handle padlockable in 0
			and protection
			covers
Contact characteristics			
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	A	16
Deted enerotional valtage	UL/CSA	A V	15 480
Rated operational voltage Rated operational impulse voltage		kV	480
Maximum fuse size for short-circuit protection In (gG)		ΝV	4
Maximum ruse size for short cheait protection in (ge)	10kA	А	16
	15kA	A	10
	25kA	А	10
Rated short time current Icw			
	1s	kA	200
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		A	16
AC15	4401/	^	10
	110V 220/230V	A A	10 8
	220/230V 380/400V	A	8 4
	660/690V	A	1.5
Rated operational power in AC		,,	
Three-phase AC-3			
	220/230V	kW	2.5
	380/440V	kW	4
	500/690V	kW	5.5
Single-phase AC-3			
	110V	kW	0.8
	220/230V	kW	1.5

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		380/440V	kW	2.2
	Three-phase AC23A			
		220/230V	kW	3
		380/440V	kW	5.5
		500/690V	kW	7.5
	Single-phase AC23A	000,0001		7.0
	Single-phase A023A	110V	L/\//	0.0
			kW	0.8
		220/230V	kW	1.7
		380/440V	kW	3
Rated operational cur				
	DC21A			
		48V	А	12
		60V	А	12
		110V	А	4
		220V	A	0.6
		440V	A	0.25
		440 V	A	0.20
	DC23A (poles in series)	<b>.</b>		
		24V	A	10 (1)
		48V	А	10 (2)
		60V	А	10 (3)
		110V	А	5 (3)
		220V	А	5 (4)
	DC13		7.	0(1)
	5613	24V	۸	12
			A	
		48V	А	10
		60V	А	8
		110V	Α	1
		220V	Α	0.4
		440V	А	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for	terminals may		Nm	0.5
			INIII	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		min		
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10⁰
UL technical data			-	
Motor power for direc	t-on-line control			
	for three-phase motor	4001/		1 E
		120V	HP	1.5
		240V	HP	3
	for single-phase motor			
		120V	HP	0.5

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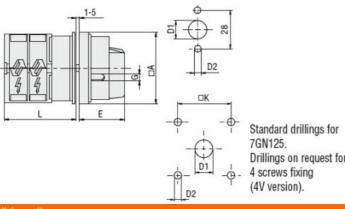
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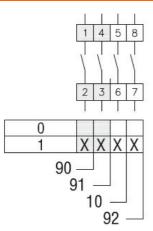
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Prote	ction			
Frontal IP degree				IP40
Terminals IP degree	9			IP00

#### Dimensions



	Carias	Dimensions					L				
	Series	□A	D1	D2	E	G	□K	1	2	3	12
	7GN12	65	12	5	34.2	5	36	36.1	45.8	55.5	142.8
	7GN20	65	12	5	34.2	5	36	36.1	45.8	55.5	142.8
	7GN25	65	12	5	34.2	5	36	40.5	54.1	67.7	190.1
	7GN32	65	14	5	38	6	48	46.5	61.6	76.7	212.6
r	7GN40	65	14	5	38	6	48	46.5	61.6	76.7	212.6
	7GN63	65	14	5	38	6	48	50.3	68.4	86.5	249.4
	7GN125	90	16	6	49	7	68	67.3	96.4	125.5	394.9

Wiring diagrams



#### Certifications and compliance

Compl	lionoo
Comp	lance

Certifications and cor	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		
		EC001029 -
ETIM 8.0		Selector switch, complete
		-

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