



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 3 POLES 25A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

				Rotary cam
Product designation				switches
Product type designat				7GN25
General characteristic	S			125 Multi stop
Switching diagram				135 - Multi-step 0-1-2 3 poles
N° of elements				3
				U47 - Snap on
Mounting form				fron mounting with black handle
Mounting form				for hole diam.
				22mm finxing
Contact characteristics				
Rated insulation voltag	je Ui		V	<u> </u>
		IEC/EN UL/CSA	V V	690 600
Rated impulse withsta	nd voltage Llimp	00/03A	kV	6
Conventional free air t				0
		IEC/EN	А	25
		UL/CSA	А	30
Rated operational volt	age		V	480
Rated operational imp			kV	4
Maximum fuse size fo	r short-circuit protection In (gG)			
		10kA	A	25
		15kA 25kA	A A	25 25
Rated short time curre	nt Icw	2384	~	23
		1s	kA	400
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			A	25
	AC15	4401/	۸	4.0
		110V 220/230V	A A	16 12
		380/400V	A	8
		660/690V	A	2
Rated operational pow	ver in AC			
	Three-phase AC-3			
		220/230V	kW	5.5
		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC-3	110V	kW	1.5
		220/230V	kW	3
		380/440V	kW	5.5
	Three-phase AC23A			
		220/230V	kW	6.5
		380/440V	kW	11
	0	500/690V	kW	11
	Single-phase AC23A	44017	L-\\\/	1 5
		110V 220/230V	kW kW	1.5 3.7
		380/440V	kW	5.5

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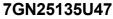
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	DC21A			
		48V	А	25
		60V	А	25
		110V	A	4
		220V	A	0.7
	DC23A (poles in series)			
		24V	A	25 (1)
		48V	А	25 (2)
		60V	А	25 (3)
		110V	A	12 (3)
		220V	A	
	<b>D</b> 010	2201	A	10 (4)
	DC13			
		24V	А	25
		48V	A	20
		60V	А	16
		110V	А	1.5
		220V	А	0.4
Dower dissinction		2201	W	1.1
Power dissipation			VV	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for	r terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10⁰
UL technical data			.,	
Motor power for dire	ct-on-line control			
	for three-phase motor	(		
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor	`		
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°Č	+55
	Storago tomporatura	Παλ		
	Storage temperature		• •	10
		min	°C	-40
		max	°C	+70

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IP40

IP00



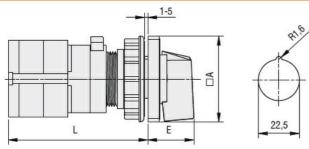
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### Resistance & Protection

Frontal IP degree

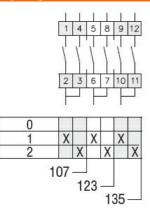
# Terminals IP degree

Dimensions



Cariaa	Dimer	nsions			L	
Series	□A	E	1	2	3	8
7GN12	48	26.5	58	67.7	77.4	125.9
7GN20	48	26.5	58	67.7	77.4	125.9
7GN25	48	26.5	62.4	76	89.6	157.6

#### Wiring diagrams



#### Certifications and compliance

## 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	
	EAC	
	UL	
ETIM classification		
ETIM 8.0		EC001029 - Selector switch, complete

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