

7GN2510U65 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 25A, 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			7GN25
			10 - ON/OFF
Switching diagram			switch 3 poles
N° of elements			2
Mounting form			U65 - Front mounting with red/yellow handle padlockable in 0 and protection covers
Contact characteristics			
Rated insulation voltage Ui	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	А	25
	UL/CSA	Α	30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			<u></u>
	10kA 15kA	A	25 25
	25kA	A A	25 25
Rated short time current Icw	2384	~	25
	1s	kA	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	25
AC15			
	110V	A	16
	220/230V	A	12
	380/400V	A	8
Rated operational power in AC	660/690V	A	2
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

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ENERGY AND AUTOMATION

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		380/440V	kW	5.5
	Three-phase AC23A			
		220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A			
		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational cu	Irrent in DC			
•	DC21A			
		48V	А	25
		60V	A	25
		110V	A	4
		220V	A	4 0.7
		2200	A	0.7
	DC23A (poles in series)	0.01	^	OF (1)
		24V	A	25 (1)
		48V	A	25 (2)
		60V	A	25 (3)
		110V	А	12 (3)
		220V	Α	10 (4)
	DC13			
		24V	А	25
		48V	А	20
		60V	А	16
		110V	A	1.5
		220V	A	0.4
Power dissipation		2201	W	1.1
Mechanical features			VV	1.1
Terminals screw				M3.5
	torminale may		Nm	0.8
Tightening torque for Conductor size				0.0
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	mark		-
		min	mm²	0.5
		Max	mm²	4
Mechanical life		IVIdX		
UL technical data			cycles	3710
	et en line control			
Motor power for direc				
	for three-phase motor			_
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			
	for single-phase motor	120V	HP	1.5

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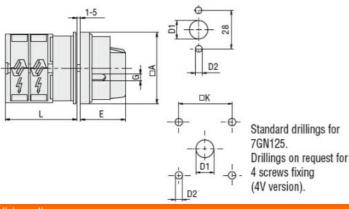
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		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	ion			
Frontal IP degree				IP40

Frontal IP degree

Terminals IP degree

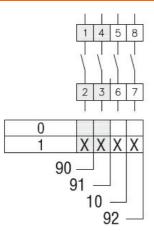
Dimensions



Carias			Dimer	sions					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
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

IP00

Wiring diagrams



Certifications and compliance

Compliance

Certifications and co	mpliance	
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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