

7GN2592U65 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 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
			92 - ON/OFF
Switching diagram			switch 4 poles
N° of elements			2
Mounting form			U65 - Front mounting with red/yellow handle padlockable in 0 and protection covers
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	<u>A</u>	30
Rated operational voltage		V kV	480
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG)		ΚV	4
Maximum ruse size for short circuit protection in (ge)	10kA	А	25
	15kA	A	25
	25kA	А	25
Rated short time current Icw			
	1s	A	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		А	25
AC15		~	25
	110V	А	16
	220/230V	А	12
	380/400V	А	8
	660/690V	А	2
Rated operational power in AC			
Three-phase AC-3	000/0001/	1-147	<i></i>
	220/230V 380/440V	kW kW	5.5 7.5
	380/440V 500/690V	кvv kW	7.5 7.5
Single-phase AC-3	500,030 V	11.0.0	1.0
	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	Α	25
		110V	А	4
		220V	А	0.7
	DC23A (poles in series)			
		24V	А	25 (1)
		48V	А	25 (2)
		60V	А	25 (3)
		110V	А	12 (3)
		220V	A	10 (4)
	DC13			()
	-	24V	А	25
		48V	А	20
		60V	A	16
		110V	A	1.5
		220V	A	0.4
Power dissipation			W	1.1
Mechanical features				
				M3.5
Terminals screw	terminals max		Nm	M3.5 0.8
Terminals screw Tightening torque for	terminals max		Nm	M3.5 0.8
Terminals screw Tightening torque for			Nm	
Terminals screw Tightening torque for	terminals max AWG - Rigid cable	min		0.8
Terminals screw Tightening torque for		min Max	AWG	0.8
Terminals screw Tightening torque for	AWG - Rigid cable	min Max		0.8
Terminals screw Tightening torque for		Max	AWG AWG	0.8 20 10
Terminals screw Tightening torque for	AWG - Rigid cable	Max min	AWG AWG AWG	0.8 20 10 20
Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max	AWG AWG	0.8 20 10
Terminals screw Tightening torque for	AWG - Rigid cable	Max min Max	AWG AWG AWG AWG	0.8 20 10 20 12
Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG mm ²	0.8 20 10 20 12 0.5
Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG AWG	0.8 20 10 20 12
Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm ² mm ²	0.8 20 10 20 12 0.5 4
Terminals screw	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ²	0.8 20 10 20 12 0.5 4 0.5
Terminals screw Tightening torque for Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm ² mm ² mm ²	0.8 20 10 20 12 0.5 4 0.5 4
Terminals screw Tightening torque for Conductor size Mechanical life	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ²	0.8 20 10 20 12 0.5 4 0.5
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ² mm ²	0.8 20 10 20 12 0.5 4 0.5 4
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ² mm ²	0.8 20 10 20 12 0.5 4 0.5 4
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG mm ² mm ² mm ² cycles	0.8 20 10 20 12 0.5 4 0.5 4 5x10 ⁶
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V	AWG AWG AWG mm ² mm ² mm ² cycles	0.8 20 10 20 12 0.5 4 0.5 4 5x10 ⁶
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max Max 120V 240V	AWG AWG AWG mm ² mm ² mm ² cycles	0.8 20 10 20 12 0.5 4 0.5 4 5x10 ⁶ 3 5
Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V 480V	AWG AWG AWG mm ² mm ² mm ² cycles	0.8 20 10 20 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor	Max min Max min Max Max 120V 240V	AWG AWG AWG mm ² mm ² mm ² cycles	0.8 20 10 20 12 0.5 4 0.5 4 5x10 ⁶ 3 5
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V 480V	AWG AWG AWG mm ² mm ² mm ² cycles	0.8 20 10 20 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10

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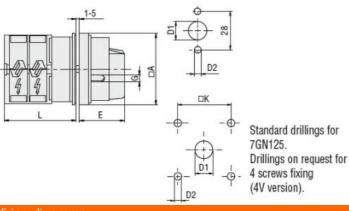


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		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	tion			
Frontal IP degree				IP40

Frontal IP degree Terminals IP degree

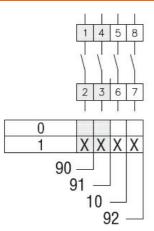
Dimensions



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
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



Certific ations and

Compliance

Certifications and con	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, complete

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