

## **7GN2598U47** ROTARY CAM SWITCH 7GN SERIES, AMMETER SWITCH 25A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product designation			Rotary cam
-			switches
Product type designation General characteristics			7GN25
			98 - Ammeter
Switching diagram			switch
N° of elements			3
			U47 - Snap on
Mounting form			fron mounting with black handle
wounding form			for hole diam.
			22mm finxing
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Deted impulse withstend veltage Llipp	UL/CSA	V kV	<u>600</u> 6
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		ĸv	0
	IEC/EN	А	25
	UL/CSA	A	30
Rated operational voltage	0100/	V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit prot	tection In (gG)		
	10kA	А	25
	15kA	А	25
	25kA	А	25
Rated short time current Icw			
	1s	kA	400
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A			
ACT/ACZTA		А	25
AC15		Λ	25
	110V	А	16
	220/230V	А	12
	380/400V	А	8
	660/690V	А	2
Rated operational power in AC			
Three-phase A			
	220/230V	kW	5.5
	380/440V	kW	7.5
Single-phase A	500/690V	kW	7.5
Single-phase A	110V	kW	1.5
	220/230V	kW	3
	380/440V	kW	5.5
Three-phase A			
	220/230V	kW	6.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase A		1.147	4 5
	110V 220/230V	kW kW	1.5 3.7
	220/230V 380/440V	кvv kW	3.7 5.5
	500/440 V	17.4.4	0.0

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Rated operational cu	rrent in DC			
	DC21A			
		48V	А	25
		60V	А	25
		110V	А	4
		220V	А	0.7
	DC23A (poles in series)			
		24V	۸	25 (1)
			A	25 (1)
		48V	А	25 (2)
		60V	Α	25 (3)
		110V	А	12 (3)
		220V	A	10 (4)
	2010	2201	A	10 (4)
	DC13			
		24V	Α	25
		48V	А	20
		60V	А	16
		110V	Α	1.5
		220V	A	0.4
Power dissipation			W	1.1
Mechanical features				
				M2 5
Terminals screw				M3.5
Tightening torque for	terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	Arre ragia dable	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
		IVIdX	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
				0.5
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data				
Motor power for direc	et-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
Anabiant anaditie		240 V	1.11.	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
	<u> </u>	min	°C	-40
			°C	+70
		max	C	710

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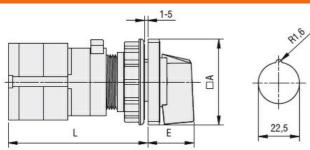
IP40 IP00

Resistance & Protection

Frontal IP degree

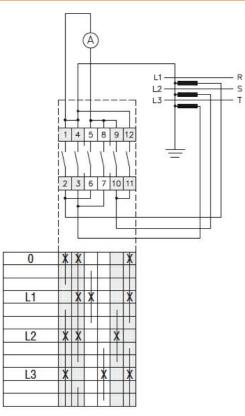
Terminals IP degree

Dimensions



Carias	Dimensions		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

Compliant		
	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	3	
	cCSAus	
7GN2598U47	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	3 / 4



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EAC UL ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete