

7GN2592U47 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 25A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM



Product designation			Rotary cam
-			switches
Product type designation			7GN25
General characteristics			
Switching diagram			92 - ON/OFF switch 4 poles
N° of elements			2
			U47 - Snap on
			fron mounting
Mounting form			with black handle
			for hole diam.
Contact characteristics			22mm finxing
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	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)			
	10kA	A	25
	15kA 25kA	A A	25 25
Rated short time current Icw	23KA	A	20
	1s	kA	400
Conductivity		101	10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	25
AC15			
	110V	А	16
	220/230V	Α	12
	380/400V	A	8
Deted exerctional neuron in AC	660/690V	A	2
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	5.5
	220/230V 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

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	Three-phase AC23A			
		220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single phase AC22A	300/030 V	IX V V	11
	Single-phase AC23A			
		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational c	urrent in DC			
•	DC21A			
	50217	48V	А	25
		40V 60V		25
			A	
		110V	A	4
		220V	Α	0.7
	DC23A (poles in series)			
		24V	А	25 (1)
		48V	A	25 (2)
		40V 60V	A	25 (2)
		110V	A	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			W	1.1
Mechanical features	3			
Terminals screw				M3.5
Tightening torque for	or terminals max		Nm	0.8
Conductor size				
	ANAC Digid apple			
	AWG - Rigid cable		A \ A \ O	00
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	THOM:	/	
	Conductor Size (ILC) - FIEXIDIE CADIE		2	0.5
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 ⁶
UL technical data			0,000	
	ant on line control			
Motor power for dire				
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		400V 600V	HP	15
	for the share we take	0007	Πr	10
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3

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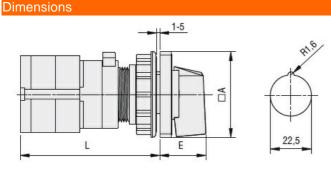


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Ambient conditions

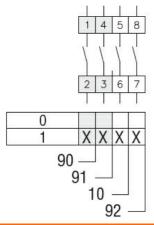
Temperature

Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensiona			



Cariaa	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

Complianc	9	
	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	i	
	cCSAus	
	EAC	
	UL	
ETIM class	ification	
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ETIM 8.0

EC001029 -Selector switch, complete

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