

ENERGY AND AUTOMATION

7GN2556U47 ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 3 POLES 25A, electric 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			56 - Changeover switch without 0 3
N° of elements			poles 3
			U47 - Snap on
Mounting form			fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics			
Rated insulation voltage Ui	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	01/00/(kV	6
Conventional free air thermal current Ith			-
	IEC/EN UL/CSA	A A	25 30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	25
	15kA	A	25
Rated short time current Icw	25kA	A	25
Rated short time current icw	1s	kA	400
Conductivity	10	10.1	10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	25
AC15		_	
	110V	A	16
	220/230V	A	12
	380/400V 660/690V	A A	8 2
Rated operational power in AC	000/030 V	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
Three-phase AC23A	380/440V	kW	5.5
	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

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		380/440V	kW	5.5
Rated operational cur	rent in DC			
	DC21A			
	DeztA	48V	۸	25
			A	
		60V	A	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	A	12 (3)
		220V	A	
		2201	A	10 (4)
	DC13			
		24V	A	25
		48V	A	20
		60V	А	16
		110V	А	1.5
		220V	A	0.4
Power dissipation		2201	W	1.1
			vv	(. I
Mechanical features				
Terminals screw				M3.5
Tightening torque for	terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	-	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	max	/	
		min	AWG	20
		min		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		Max	cycles	5x10 ⁶
UL technical data			Cycles	5×10
Motor power for direc				
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			
	ior single-phase motor	120V	ЦП	15
			HP	1.5
A		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°Č	+55
	Storage temperature	THAN	<u> </u>	
	oloraye lemperalure		° ^	40
		min	°C	-40

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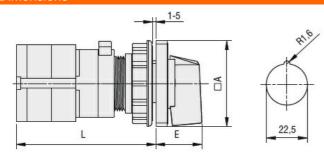
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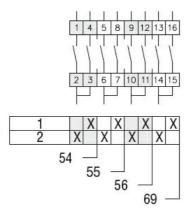
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	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			



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

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		
		EC001029 -
ETIM 8.0		Selector switch,
		aamplata

complete

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