

ENERGY AND AUTOMATION

7GN2555U47 ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 2 POLES 25A, electric FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Droduct decignotion			Rotary cam
Product designation			switches
Product type designation			7GN25
General characteristics			55 - Changeover
Switching diagram			switch without 0 2
			poles
N° of elements			2
			U47 - Snap on
			fron mounting
Mounting form			with black handle for hole diam.
			22mm finxing
Contact characteristics			g
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	Α	25
	UL/CSA	A	30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			0.5
	10kA	A	25
	15kA 25kA	A A	25 25
Rated short time current Icw	20KA	A	25
Rated short time current low	1s	kA	400
Conductivity	10	10 1	10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	25
AC15			
	110V	А	16
	220/230V	Α	12
	380/400V	А	8
	660/690V	А	2
Rated operational power in AC			
Three-phase AC-3	220/22014		F
	220/230V	kW	5.5
	380/440V 500/690V	kW kW	7.5 7.5
Single-phase AC-3	300/090 V	r v v	1.5
	110V	kW	1.5
	220/230V	kW	3
	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

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		380/440V	kW	5.5
Rated operational cu				
	DC21A			
		48V	A	25
		60V	A	25
		110V	A	4
		220V	Α	0.7
	DC23A (poles in series)			
		24V	А	25 (1)
		48V	А	25 (2)
		60V	А	25 (3)
		110V	А	12 (3)
		220V	А	10 (4)
	DC13			()
		24V	А	25
		48V	A	20
		40V 60V	A	16
		110V	A	1.5
		220V	A	0.4
Power dissipation			W	1.1
Mechanical features				MO E
Terminals screw			N I.a.	M3.5
Tightening torque for	r terminais max		Nm	0.8
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			
		min	mm²	0.5
		Max	mm²	4
Machaniaellife		IVIdX		
Mechanical life			cycles	5x10 ⁶
	at an line control			
Motor power for dire				
	for three-phase motor			0
		120V	HP	3
		240V	HP	5
		1001/	HP	10
		480V		
		480V 600V	HP	15
	for single-phase motor	600V	HP	
	for single-phase motor	600V 120V		15 1.5
	for single-phase motor	600V	HP	
Ambient conditions	for single-phase motor	600V 120V	HP HP	1.5
Ambient conditions Temperature	for single-phase motor	600V 120V	HP HP	1.5
		600V 120V	HP HP	1.5
	for single-phase motor Operating temperature	600V 120V 240V	HP HP HP	1.5 3
		600V 120V 240V min	HP HP HP °C	1.5 3 -25
		600V 120V 240V	HP HP HP	1.5 3

7GN2555U47

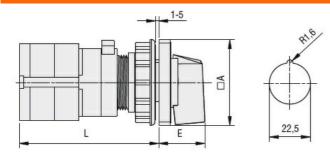
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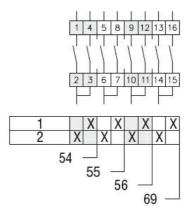
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	max °C +70
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00
Dimonsions	



Cariaa	Dimer	Dimensions		L		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,
		aamalata

complete

7GN2555U47