

7GN2556U11 ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 3 POLES 25A, electric FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

Product designation				 Rotary cam
-				switches
Product type designat General characteristic				7GN25
General characteristic	5			56 - Changeover
Switching diagram				switch without 0 3
				poles
N° of elements				3
				U11 - Front mounting with
				black handle
Mounting form				without front plate
				for hole diam.
				22mm fixing
Contact characteristics				
Rated insulation voltag	je Ul	IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta	nd voltage Llimp	00000	kV	6
Conventional free air t				
		IEC/EN	А	25
		UL/CSA	А	30
Rated operational volt	age		V	480
Rated operational imp	-		kV	4
Maximum fuse size for	r short-circuit protection In (gG)			
		10kA	A	25
		15kA 25kA	A	25 25
Rated short time curre	nt low	ZOKA	A	25
		1s	А	400
Conductivity		10	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			А	25
	AC15			
		110V	A	16
		220/230V	A	12
		380/400V 660/690V	A A	8 2
Rated operational pow	ver in AC	000/090 v	~	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
	Thee-phase AUZOA	220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A			
		4401/	1.4.47	4 5

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110V

kW

1.5



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		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational c	urrent in DC			
	DC21A			
		48V	А	25
		60V	A	25
		110V	A	4
		220V	A	0.7
	DC23A (poles in series)	2201	~	0.7
	DOZSA (poles in series)	24V	А	25 (1)
		48V	A	25 (1) 25 (2)
		48 V 60 V		
			A	25 (3) 12 (2)
		110V	A	12 (3)
		220V	A	10 (4)
	DC13	0 (1) (
		24V	Α	25
		48V	А	20
		60V	A	16
		110V	А	1.5
		220V	Α	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				
	AWG - Rigid cable			
	C C	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	IVICA	111111	4
	Conductor size (IEC) - Rigid cable	min	mm²	0.5
		min		
Mechanical life		Max	mm²	4
UL technical data			cycles	5x10 ^e
	est en line control			
Motor power for dire				
	for three-phase motor			0
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
	· - ·	min	°C	-25
		max	°C	+55
	Storage temperature	-		

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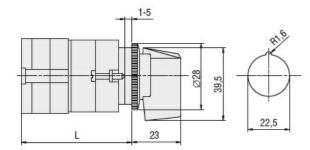
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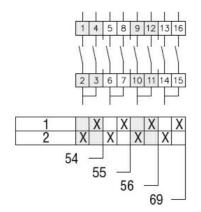
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00

Dimensions



Series	L			
Series	1	2	3	8
7GN12	47	56.7	66.4	114.9
7GN20	47	56.7	66.4	114.9
7GN25	51.4	65	78.6	146.6

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	h	
ETIM 8.0		EC001029 - Selector switch, complete

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