

7GN2555U12 ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 2 POLES 25A, electric FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM

ENERGY AND AUTOMATION

FIXING

			Determine
Product designation			Rotary cam switches
Product type designation			7GN25
General characteristics			
			55 - Changeover
Switching diagram			switch without 0 2
N° of elements			poles 2
N of elements			U12 - Front
			mounting without
Mounting form			front plate with
Mounting form			key operation for
			hole diam. 22mm
			fixing
Contact characteristics			
Rated insulation voltage Ui	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp	01/05/	kV	6
Conventional free air thermal current Ith		κv	0
	IEC/EN	А	25
	UL/CSA	A	30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protect	tion In (gG)		
	10kA	А	25
	15kA	А	25
	25kA	Α	25
Rated short time current Icw			
	1s	kA	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		•	05
AC15		A	25
AC15	110V	А	16
	220/230V	A	12
	380/400V	A	8
	660/690V	A	2
Rated operational power in AC			
Three-phase AC-3	3		
	220/230V	kW	5.5
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC-			
	110V	kW	1.5
	220/230V	kW	3
T 1 1 000	380/440V	kW	5.5
Three-phase AC2		1.1.1.1	6 5
	220/230V 380/440V	kW kW	6.5 11
	500/690V	кvv kW	11
Single-phase AC2		17.9.9	
	1101/		15

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110V

kW

1.5



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		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational cu	urrent in DC			
	DC21A			
		48V	А	25
		60V	А	25
		110V	А	4
		220V	A	0.7
	DC23A (poles in series)	2201		
		24V	А	25 (1)
		24 v 48 V		25 (1) 25 (2)
			A	25 (2)
		60V	A	25 (3)
		110V	А	12 (3)
		220V	A	10 (4)
	DC13			
		24V	А	25
		48V	А	20
		60V	А	16
		110V	А	1.5
		220V	А	0.4
Power dissipation		2201	W	1.1
Mechanical features			vv	····
Terminals screw				M3.5
	r terminala may		Nime	
Tightening torque fo			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	Max		· –
	CONTRACTOR SIZE (ILC) - I TEXIDIE CADIE	min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable		_	o -
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for dire	ect-on-line control			
-	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		480 V 600 V	HP	15
	for single phase mater	0007		10
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°Č	+55
	Storage temperature	max	<u> </u>	
	Siviage lemperature			

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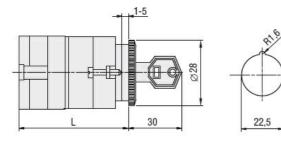
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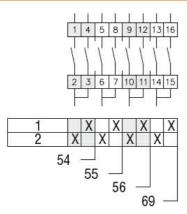
	min max	°C °C	-40 +70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00

Dimensions



Series	L			
	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		
ETIM 8.0		EC001029 - Selector switch, complete

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