



ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 2 POLES 25A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

			Rotary cam
Product designation			switches
Product type designation			7GN25
General characteristics			50 Oberere even
Switching diagram			52 - Changeover switch 2 poles
N° of elements			2
			U47 - Snap on
Mounting form			fron mounting with black handle
Mounting form			for hole diam.
			22mm finxing
Contact characteristics			
Rated insulation voltage Ui			
	C/EN	V	690
	/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith		•	05
	C/EN	A	25
Rated operational voltage	/CSA	A V	30 480
Rated operational impulse voltage		kV	480
Maximum fuse size for short-circuit protection In (gG)		Ι	- <del>-</del>
	10kA	А	25
	15kA	A	25
	25kA	А	25
Rated short time current Icw			
	1s	kA	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
1015		A	25
AC15	110\/	٨	16
220/	110V 230V	A A	16 12
	230V 400V	A	8
	690V	A	2
Rated operational power in AC			
Three-phase AC-3			
220/	230V	kW	5.5
380/	440V	kW	7.5
	690V	kW	7.5
Single-phase AC-3			
		kW	1.5
		kW	3
	440V	kW	5.5
Three-phase AC23A	230V	kW	6.5
		kW	11
		kW	11
Single-phase AC23A			<u> </u>
	110V	kW	1.5
220/		kW	3.7
380/	440V	kW	5.5

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Rated operational cu	irrent in DC				
-	DC21A				
		48V	А	25	
	DC22A (polos in series)	220 V	Λ	0.7	
	DC23A (poles in series)	0.417			
		110V	A	12 (3)	
		220V	Α	10 (4)	
	DC13				
		24V	А	25	
Dowor disain stick		2201			
			VV	1.1	
Terminals screw				M3.5	
Tightening torque for	r terminals max		Nm	0.8	
Conductor size					
	AWG - Rigid cable				
	ő	min	AWG	20	
	AWG - Elevible cable	max	/0	10	
	AWG - I lexible cable	min		20	
		IVIAX	AWG	12	
	Conductor size (IEC) - Flexible cable				
				0.5	
		Max	mm²	4	
	Conductor size (IEC) - Rigid cable				
		min	mm²	0.5	
Mechanical life					
			eyelee	6,10	
	at on line control				
motor power for dire	DC13       DC13     24V     A     25       48V     A     20       60V     A     16       110V     A     1.5       220V     A     0.4       wer dissipation     W     1.1       scharical features     W1.1       minals screw     M3.5       ghtening torque for terminals max     Nm     0.8       onductor size     MWG - Rigid cable       MWG - Rigid cable     min     AWG       AWG - Flexible cable     min     AWG       Max     AWG     10       AWG - Flexible cable     min     AWG       Max     AWG     12       Conductor size (IEC) - Flexible cable     min     mm²       Max     mm²     0.5       Max     mm²     4				
	ior three-phase motor			2	
		600V	HP	15	
	for single-phase motor				
		120V	HP	1.5	
Ambient conditions		2.07			
remperature	Operating temperature				
	Operating temperature		^ <b>~</b>	05	
		max	°C	+55	
	Storage temperature				
		min	°C	-40	
			-	-	

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IP40

IP00

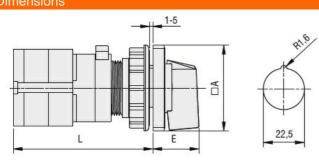


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## Resistance & Protection Frontal IP degree

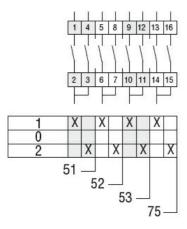
Terminals IP degree

# Dimensions



Series	Dimensions		L			
	□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 ETIM 8.0

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