



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 3 POLES 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation			Rotary cam switches
Product type designation			7GN12
General characteristics			
Switching diagram			94 - Multi-step 1- 2-3-4 3 poles
N° of elements			6
Mounting form			O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristics			
Rated insulation voltage Ui	IEC/EN	\ /	000
	UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	OLICOA	kV	6
Conventional free air thermal current Ith		11. V	
	IEC/EN	Α	16
	UL/CSA	Α	15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	16
	15kA	A	10
Detail shout the account law.	25kA	A	10
Rated short time current Icw	1s	kA	200
Conductivity	15	KA	10/5 mA/V
Operational current le IEC/EN			10/0 111/4 V
AC1/AC21A			
		Α	16
AC15			·
	110V	Α	10
	220/230V	Α	8
	380/400V	Α	4
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3	220/2201/	1 21.07	2.5
	220/230V 380/440V	kW kW	2.5 4
	500/690V	kW	5.5
Single-phase AC-3			
3 1	110V	kW	0.8
	220/230V	kW	1.5
	380/440V	kW	2.2
Three-phase AC23A			_
	220/230V	kW	3
	380/440V	kW	5.5
Single phase AC22A	500/690V	kW	7.5
Single-phase AC23A	110V	kW	0.8
	220/230V	kW	1.7
	380/440V	kW	3





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Rated operational cu				
	DC21A			
		48V	Α	12
		60V	A	12
		110V	A	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		24V	Α	10 (1)
		48V	Α	10 (2)
		60V	Α	10 (3)
		110V	Α	5 (3)
		220V	Α	5 (4)
	DC13			
		24V	Α	12
		48V	A	10
		60V	A	8
		110V	A	1
		220V	A	0.4
5		440V	Α	0.15
Power dissipation			W	0.8
Mechanical features				140
Terminals screw				M3
Fightening torque fo	r terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable	_		
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	_		
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable		2	0.5
		min	mm²	0.5
	0 1 (50) 5(1)	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			0.5
		min	mm²	0.5
Marilian Productive		Max	mm²	2.5
Mechanical life			cycles	3x10 ⁶
JL technical data	set an line control			
Motor power for dire				
	for three-phase motor	4001/	110	4 5
		120V	HP	1.5
	fan skanla alaga e e e e	240V	HP	3
	for single-phase motor	4001/	LID.	0.5
		120V 240V	HP HP	0.5
		7401/	ᆸ	1
\mhiont conditions		Z-10 V	1 11	
		240 (111	
		2401	111	
Ambient conditions Temperature	Operating temperature			25
	Operating temperature	min	°C	-25
				-25 +55
	Operating temperature Storage temperature	min max	°C °C	+55
		min	°C	

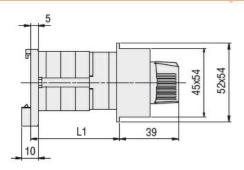


ENERGY AND AUTOMATION

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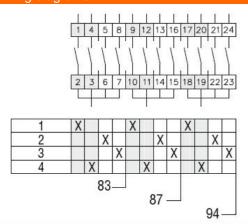
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00

Dimensions



Series	L1			
	1	2	3	
7GN12	38.1	47.8	57.5	
7GN20	38.1	47.8	57.5	
7GN25	42.5	56.1	69.7	

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