

ROTARY CAM SWITCH 7GN SERIES, AMMETER SWITCH 16A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation			Rotary cam switches
Product type designation General characteristics			7GN12
Switching diagram			97 - Ammeter switch
N° of elements			5
Mounting form			O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristics			
Rated insulation voltage Ui	IEC/EN	V	690
Data Programs 20 store Later a Droce	UL/CSA	V	600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		kV	6
Conventional nee all thermal current ith	IEC/EN UL/CSA	A	16
Rated operational voltage	UL/CSA	A V	15 480
Rated operational impulse voltage		kV	480
Maximum fuse size for short-circuit protection In (gG)		ΓV	
maximum rass size for effect effective protestion in (ge)	10kA	Α	16
	15kA	Α	10
	25kA	Α	10
Rated short time current lcw			
	1s	kA	200
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		Α	16
AC15			
	110V	Α	10
	220/230V	Α	8
	380/400V	A	4
Detad energtional news in AC	660/690V	Α	1.5
Rated operational power in AC Three-phase AC-3			
Tillee-pilase AC-3	220/230V	kW	2.5
	380/440V	kW	4
	500/690V	kW	5.5
Single-phase AC-3			_
	110V	kW	0.8
	220/230V	kW	1.5
	380/440V	kW	2.2
Three-phase AC23A	000/000/	1.147	2
	220/230V	kW kw	3 5.5
	380/440V 500/690V	kW kW	5.5 7.5
Single-phase AC23A	300/030 V	IV V V	1.0
Citigio priado AOZOA	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	

IP00

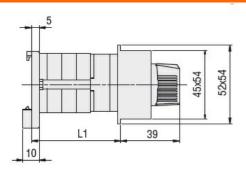
ENERGY AND AUTOMATION

Terminals IP degree

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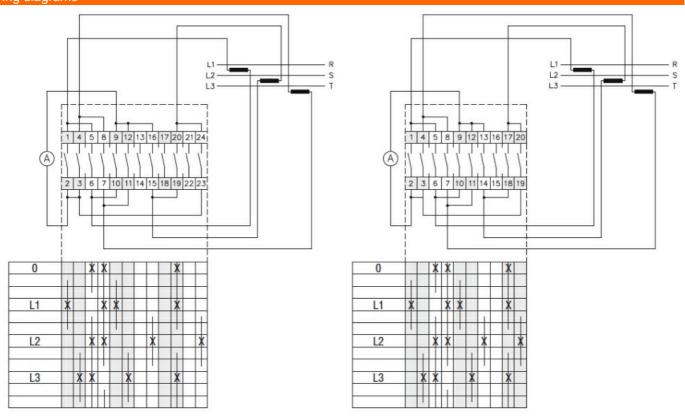
Resistance & Protection Frontal IP degree IP40

Dimensions



Series	L1			
Series	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



7GN1297O48

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cCSAus		
EAC		
UL		

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete