



ROTARY CAM SWITCH 7GN SERIES, AMMETER SWITCH 16A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product designation			Rotary cam switches
Product type designation			7GN12
General characteristics			
Switching diagram			97 - Ammeter switch
N° of elements			5
Mounting form			U47 - Snap on fron mounting with black handle for hole diam.
			22mm finxing
Contact characteristics			, and the second
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	150/51	Α	4.0
	IEC/EN UL/CSA	A	16
Poted approximately soltage	UL/CSA	A V	15 480
Rated operational voltage Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		ΚV	
Maximum rass size for short should protostion 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	Α	4
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3	220/2201/	 /\//	2.5
	220/230V 380/440V	kW kW	2.5 4
	500/440V 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

ROTARY CAM SWITCH 7GN SERIES, AMMETER SWITCH 16A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

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	



Dimensions

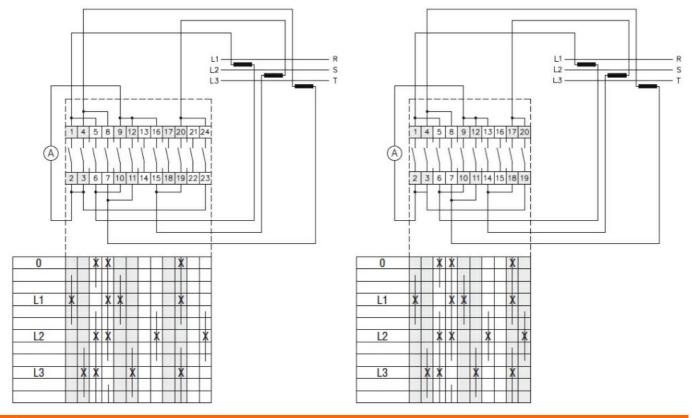
ROTARY CAM SWITCH 7GN SERIES, AMMETER SWITCH 16A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Resistance & Protection Frontal IP degree IP40 Terminals IP degree IP00

1-5 E 22,5

Series	Dimensions		L			
	□A	Е	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



7GN1297U47

ROTARY CAM SWITCH 7GN SERIES, AMMETER SWITCH 16A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

EAC			
UI			

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete