

7GN12107U47 ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 1 POLE 16A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

				Rotary cam
Product designation				switches
Product type designat				7GN12
General characteristic	S			107 Multi stop
Switching diagram				107 - Multi-step 0-1-2 1 pole
N° of elements				1
				U47 - Snap on
Mounting form				fron mounting with black handle
Wounding form				for hole diam.
				22mm finxing
Contact characteristics				
Rated insulation voltag	je Ui	IEC/EN	V	600
		UL/CSA	V V	690 600
Rated impulse withsta	nd voltage Uimp	01/00/	kV	6
Conventional free air th				
		IEC/EN	А	16
		UL/CSA	А	15
Rated operational volta			V	480
Rated operational imp			kV	4
Maximum fuse size for	r short-circuit protection In (gG)			4.0
		10kA 15kA	A	16 10
		25kA	A A	10
Rated short time curre	nt Icw	2017	Λ	10
		1s	kA	200
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			A	16
	AC15	110V	А	10
		220/230V	A	8
		380/400V	A	4
		660/690V	A	1.5
Rated operational pow	ver in AC			
	Three-phase AC-3			
		220/230V	kW	2.5
		380/440V	kW	4
	Single-phase AC-3	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			
		220/230V	kW	3
		380/440V	kW	5.5
	0	500/690V	kW	7.5
	Single-phase AC23A	44017	1.1.1.1	0.9
		110V 220/230V	kW kW	0.8 1.7
		380/440V	kW	3
		200/1101		-

7GN12107U47

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



ENERGY AND AUTOMATION

Deted an eretional our	ment in DC			
Rated operational cur				
	DC21A		_	
		48V	A	12
		60V	А	12
		110V	A	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	10 (1)
		48V	А	10 (2)
		60V	А	10 (3)
		110V	А	5 (3)
		220V	A	5 (4)
	DC13	2201		0(1)
	2010	24V	А	12
		48V		10
			A	
		60V	A	8
		110V	A	1
		220V	Α	0.4
		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for	terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVIAA	ANO	12
	AWG - Flexible Cable		ANA/C	20
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10 ⁶
UL technical data				
Motor power for direc	t-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
	for single-phase motor	270 0		
		120V	HP	0.5
		120V 240V	HP HP	
Ambiant conditions		240 V		1
Ambient conditions				
Temperature	•			
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

7GN12107U47 The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



7GN12107U47

IP40

IP00

ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 1 POLE 16A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

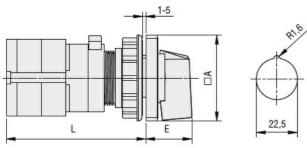
ENERGY AND AUTOMATION

Resistance & Protection

Frontal IP degree

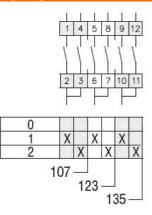
Terminals IP degree

Dimensions



Corios	Dimer	nsions			L	
Series	□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

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