

7GN20110U47 ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3-4-5, 1 POLE 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product designation				ⁿ Rotary cam
-				switches 7GN20
Product type designation General characteristics				7GN20
Switching diagram				110 - Multi-step 0-1-2-3-4-5 1 pole
N° of elements				3
Mounting form				U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics				
Rated insulation voltage		IEC/EN UL/CSA	V V	690 600
Rated impulse withstar			kV	6
Conventional free air th	ermal current Ith	IEC/EN UL/CSA	A A	20 20
Rated operational volta	ige		V	480
Rated operational impu	Ilse voltage		kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	Α	20
		15kA	Α	16
Deterlate differences	. (].	25kA	A	16
Rated short time currer	nt ICW	1s	А	250
Conductivity				10/5 mA/V
Operational current le l	IEC/EN AC1/AC21A		А	20
	AC15		7	20
		110V	А	10
		220/230V	А	8
		380/400V	А	6
		660/690V	A	1.5
Rated operational power	er in AC Three-phase AC-3			
		220/230V	kW	3
		380/440V	kW	5.5
		500/690V	kW	5.5
	Single-phase AC-3		1.147	0.0
		110V	kW	0.8
		220/230V 380/440V	kW kW	2.2 3
	Three-phase AC23A	300/440 V	r v v	3
	mee phase hezon	220/230V	kW	5
		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC23A	110V	kW	0.8

7GN20110U47

7GN20110U47



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3-4-5, 1 POLE 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

		000/0001/	1.147	0.5
		220/230V	kW	2.5
		380/440V	kW	3.7
Rated operational cur				
	DC21A	48V	٨	20
			A	20
		60V	A	20
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)			
		24V	А	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	А	10 (3)
		220V	А	8 (4)
	DC13			
		24V	А	20
		48V	А	16
		60V	A	12
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		440 V	W	0.8
Mechanical features			VV	0.8
Terminals screw				M3
Tightening torque for	terminals may		Nm	0.5
Conductor size				0.0
Conductor size	ANAC Digid coblo			
	AWG - Rigid cable			00
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		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	5x10 ⁶
UL technical data				
Motor power for direc	t-on-line control			
,	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5 7.5
		480V 600V	HP	10
	for single phase motor	0007		10
	for single-phase motor	4001/		0.75
		120V	HP	0.75
		240V	HP	2
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25

7GN20110U47

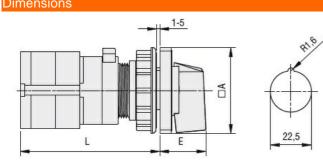
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

7GN20110U47



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3-4-5, 1 POLE 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

	max	°C	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP40	
Terminals IP degree			IP00	
Dimonsions				



Cariaa	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



t				Х	ĭ
Γ		Х			2
X					3
	-		Х		4
	Х				5

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		
		EC001029 -
ETIM 8.0		Selector switch, complete

7GN20110U47