

**7GN2582U47** ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3, 1 POLE 25A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

				Rotary cam
Product designation				switches
Product type designati				7GN25
General characteristics	3			82 - Multi-step 1-
Switching diagram				2-3 1 pole
N° of elements				2
Mounting form				U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics				
Rated insulation voltag	e Ui			
		IEC/EN	V	690
Deted in a with star	- d - valéa ara d Baran	UL/CSA	V	600
Rated impulse withstar Conventional free air th			kV	6
Conventional free alf th		IEC/EN	А	25
		UL/CSA	A	30
Rated operational volta	age	01/00/	V	480
Rated operational imp			kV	4
i	short-circuit protection In (gG)			
		10kA	А	25
		15kA	А	25
		25kA	Α	25
Rated short time curre	nt Icw			
0 1 5 5		1s	kA	400
Conductivity				10/5 mA/V
Operational current le	AC1/AC21A			
	ACT/ACZTA		А	25
	AC15			20
		110V	А	16
		220/230V	А	12
		380/400V	А	8
		660/690V	А	2
Rated operational pow				
	Three-phase AC-3			
		220/230V	kW	5.5
		380/440V	kW	7.5
	Single-phase AC-3	500/690V	kW	7.5
	Single-phase AC-3	110V	kW	1.5
		220/230V	kW	3
		380/440V	kW	5.5
	Three-phase AC23A		-	
		220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A			
		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5

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

Rated operational cur	rent in DC			
Raled operational cur	DC21A			
	DOZTA	48V	А	25
		40V 60V	A	25
		110V	A	4
		220V	A	0.7
	DC23A (poles in series)			
		24V	А	25 (1)
		48V	А	25 (2)
		60V	А	25 (3)
		110V	А	12 (3)
		220V	А	10 (4)
	DC13			
		24V	А	25
		48V	А	20
		60V	А	16
		110V	А	1.5
		220V	А	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for	terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable		2	o <b>-</b>
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data	t en line control			
Motor power for direc				
	for three-phase motor	120V	HP	3
		120V 240V	HP	3 5
		240V 480V	пР HP	5 10
		480V 600V	HP	15
	for single-phase motor	0000		10
	ior single-phase motor	120V	HP	1.5
		240V	HP	3
Ambient conditions		2707		
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature	max		
		min	°C	-40
		max	°C	+70
		тал		

7GN2582U47

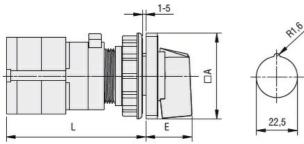


## 7GN2582U47

ENERGY AND AUTOMATION

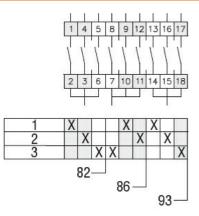
ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3, 1 POLE 25A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM





Carles	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

7GN2582U47