

7GN2505U47

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

Product designation			Rotary cam switches
Product type designation  General characteristics			7GN25
Switching diagram			05 - ON/OFF switch 1 pole
N° of elements			<u> </u>
Mounting form			U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics			
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	.=o/=:	Α.	0.5
	IEC/EN	A	25
Dated anarational voltage	UL/CSA	A V	30
Rated operational voltage			480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	۸	25
	15kA	A A	25 25
	25kA	A	25
Rated short time current lcw	Zolot		20
rated short and surront low	1s	kA	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	25
AC15			_
	110V	Α	16
	220/230V	Α	12
	380/400V	Α	8
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	5.5
	380/440V	kW	7.5
0	500/690V	kW	7.5
Single-phase AC-3	440)/	1-147	4.5
	110V	kW	1.5
	220/230V	kW	3 5.5
Three-phase AC23A	380/440V	kW	5.5
Tillee-pilase AOZSA	220/230V	kW	6.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC23A	000/000 V		. 1
onigio phaco //ozo/t	110V	kW	1.5
	220/230V	kW	3.7
	380/440V	kW	5.5



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Rated operational co	urrent in DC			
	DC21A			
		48V	Α	25
		60V	Α	25
		110V	Α	4
		220V	A	0.7
	DC23A (poles in series)		_	
		24V	A	25 (1)
		48V	A	25 (2)
		60V 110V	A A	25 (3)
		220V	A	12 (3) 10 (4)
	DC13	220 V		10 (4)
	D013	24V	Α	25
		48V	A	20
		60V	Α	16
		110V	Α	1.5
		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features	;			
Terminals screw				M3.5
Tightening torque fo	r terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
	Conductor size (IEC). Florible coble	Max	AWG	12
	Conductor size (IEC) - Flexible cable	min	mm²	0.5
		min Max	mm²	4
	Conductor size (IEC) - Rigid cable	IVICA	111111	
	Conductor Size (ize) Rigid dubic	min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 <sup>6</sup>
JL technical data				
Motor power for dire	ect-on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
	-	600V	HP	15
	for single-phase motor			
		120V	HP	1.5
A mala i a natura a malitica mana		240V	HP	3
Ambient conditions				
Temperature	Operating temperature			
	Operating temperature	min	°C	-25
		min max	°C	-25 +55
	Storage temperature	шах	<u> </u>	FUU
	Glorage temperature	min	°C	-40
		max	°C	+70
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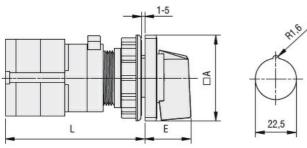


ENERGY AND AUTOMATION

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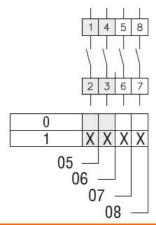
# Resistance & Protection Frontal IP degree IP40 Terminals IP degree IP00

## Dimensions



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

EAC

UL

ETIM classification

**ETIM 8.0** 

EC001029 -Selector switch, complete