



Product designation			Rotary cam
			switches
Product type designation General characteristics			7GN12
			90 - ON/OFF
Switching diagram			switch 1 pole
N° of elements			1
			U11 - Front
			mounting with
Mounting form			black handle
			without front plate for hole diam.
			22mm fixing
Contact characteristics			J
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			
	IEC/EN	А	16
	UL/CSA	A	15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		•	4.0
	10kA 15kA	A A	16 10
	25kA	A	10
Rated short time current Icw	ZJKA		10
	1s	kA	200
Conductivity	10	10.1	10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	16
AC15			
	110V	А	10
	220/230V	Α	8
	380/400V	А	4
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3	220/22201	1.1.1	0 F
	220/230V 380/440V	kW kW	2.5 4
	380/440V 500/690V	кvv kW	4 5.5
Single-phase AC-3	000/030 V	IN V V	0.0
	110V	kW	0.8
	220/230V	kW	1.5

7GN1290U11

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7GN1290U11

SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 16A, FOR FRONT MOUNTING	
WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING	

		380/440V	kW	2.2
	Three-phase AC23A			
		220/230V	kW	3
		380/440V	kW	5.5
		500/690V	kW	7.5
	Single-phase AC23A			
		110V	kW	0.8
		220/230V	kW	1.7
		380/440V	kW	3
Rated operational cu				
	DC21A	(0) (		10
		48V	A	12
		60V	А	12
		110V	А	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	<b>-</b> ···	•	
		24V	A	10 (1)
		48V	A	10 (2)
		60V	A	10 (3)
		110V	A	5 (3)
		220V	A	5 (4)
	DC13			
		24V	A	12
		48V	А	10
		60V	A	8
		110V	A	1
		220V	A	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		A14/0	00
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable		2	0.5
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable		2	
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10⁰
UL technical data				
Motor power for direc				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
	for single-phase motor			
		120V	HP	0.5

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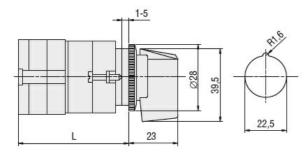
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IP00

## 240V ΗP 1 Ambient conditions Temperature Operating temperature °C -25 min max °C +55 Storage temperature °C -40 min °C max +70 Resistance & Protection Frontal IP degree IP40

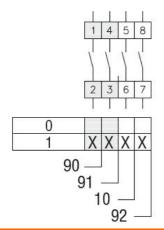
FIUIIIal IF	uegree
Terminals	IP degree

## Dimensions



Series	L			
	1	2	3	8
7GN12	47	56.7	66.4	114.9
7GN20	47	56.7	66.4	114.9
7GN25	51.4	65	78.6	146.6

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

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ENERGY AND AUTOMATION

ETIM classification

UL

**ETIM 8.0** 

EC001029 -Selector switch, complete