# 7GN3290U25



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 32A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM



Product designation			Rotary cam
-			switches
Product type designation General characteristics			7GN32
			90 - ON/OFF
Switching diagram			switch 1 pole
N° of elements			1
Mounting form			U25 - Front mounting with red/yellow handle padlockable in 0 and protection covers
Contact characteristics			
Rated insulation voltage Ui	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	Α	32
	UL/CSA	<u>A</u>	40
Rated operational voltage		V kV	480
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG)		ĸv	4
Maximum ruse size for short-circuit protection in (gC)	10kA	А	32
	15kA	A	32
	25kA	А	32
	50kA	А	32
Rated short time current Icw			
	1s	kA	800
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A			
ACT/ACZTA		А	32
AC15		Λ	52
	110V	А	25
	220/230V	А	20
	380/400V	А	10
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3	000/0001/	1.1.47	7 5
	220/230V 380/440V	kW kW	7.5 11
	380/440V 500/690V	кvv kW	11
Single-phase AC-3	300/030 V	1X V V	
	110V	kW	2.2

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		220/230V	kW	4
		380/440V	kW	6.5
	Three-phase AC23A			
		220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	18.5
	Single-phase AC23A	000/0007		10.0
	Single-phase A025A	110V	kW	2.2
		220/230V	kW	4
<u></u>		380/440V	kW	7.5
Rated operational cu				
	DC21A			
		48V	А	32
		60V	А	32
		110V	А	6
		220V	А	0.9
	DC23A (poles in series)			
		24V	А	32 (1)
		48V	A	32 (2)
		48V 60V	A	32 (2)
		110V		
			A	15 (3)
	<u> </u>	220V	A	12 (4)
	DC13		_	
		24V	A	32
		48V	А	25
		60V	A	16
		110V	А	3
		220V	А	0.5
Power dissipation			W	1.5
Mechanical features				
Terminals screw				M4
Tightening torque fo	r terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
	AWG - Rigid Cable			10
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	1.5
		Max	mm²	6
Mechanical life		IVICA	cycles	5x10 <sup>6</sup>
UL technical data			Cycles	
	et en line control			
Motor power for dire				
	for three-phase motor			_
		120V	HP	5
		240V	HP	10
		480V	HP	15
		600V	HP	15
	for single-phase motor			

5

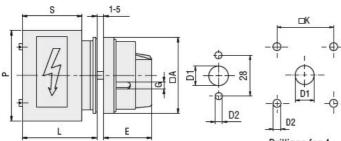
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		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on			
Frontal IP degree				IP40
Terminals IP degree				IP00
Dimensiona				

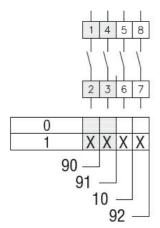
#### Dimensions



Drillings for 4 screws fixing (4V version).

Series	Dimensions								
Series	□A	D1	D2	E	G	□K	S	Р	L
7GN12	65	12	5	34.2	5	36	43	64	54.3
7GN20	65	12	5	34.2	5	36	43	64	54.3
7GN25	65	12	5	34.2	5	36	51	68	62.6
7GN32	65	14	5	38	6	48	55	77	71.7
7GN40	65	14	5	38	6	48	55	77	71.7

### Wiring diagrams



### Certifications and compliance

## Compliance

CSA C22.2 n° 14	CSA C22.2 n° ′
IEC/EN/BS 60947-1	IEC/EN/BS 609
IEC/EN/BS 60947-3	IEC/EN/BS 609
IEC/EN/BS 60947-5-1	IEC/EN/BS 609
UL60947-4-1	UL60947-4-1



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ENERGY AND AUTOMATION

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Certificates		
	cCSAus	
	EAC	
	UL	
ETIM classification	h	
		EC001029 -

ETIM 8.0

EC001029 -Selector switch, complete