

## **7GN2091U25** ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 20A, 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			7GN20
			91 - ON/OFF
Switching diagram			switch 2 poles
N° of elements			1
			U25 - Front
			mounting with red/yellow handle
Mounting form			padlockable in 0
			and protection
			covers
Contact characteristics			
Rated insulation voltage Ui	IEC/EN	V	690
	UL/CSA	V V	600
Rated impulse withstand voltage Uimp	01/00/1	kV	6
Conventional free air thermal current Ith			
	IEC/EN	А	20
	UL/CSA	Α	20
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	4.01-4	•	00
	10kA 15kA	A A	20 16
	25kA	A	16
Rated short time current Icw	20101		10
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		A	20
AC15	1101/	^	10
	110V 220/230V	A A	10 8
	380/400V	A	6
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	3
	380/440V	kW	5.5
Single phase AC 2	500/690V	kW	5.5
Single-phase AC-3	110V	kW	0.8
	220/230V	кvv kW	2.2
	220/2000	1	

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		380/440V	kW	3
	Three-phase AC23A			
		220/230V	kW	5
		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC23A			
		110V	kW	0.8
		220/230V	kW	2.5
		380/440V	kW	3.7
Rated operational curre	ent in DC			
	DC21A			
		48V	А	20
		60V	А	20
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	440 0		0.20
	DC23A (poles in series)	0 AV /	٨	20 (1)
		24V	A	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	А	10 (3)
		220V	А	8 (4)
	DC13			
		24V	А	20
		48V	А	16
		60V	А	12
		110V	А	1
		220V	А	0.4
		440V	А	0.15
Power dissipation			W	0.8
Mechanical features				0.0
Terminals screw				M3
Tightening torque for te	arminals max		Nm	0.5
				0.0
Conductor size				
	AWG - Rigid cable		A14/0	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 <sup>6</sup>
UL technical data			-,	
Motor power for direct-	on-line control			
	for three-phase motor			
	าง และ-ทุกสระ แบเงเ	120V	HP	1.5
		240V	HP	3
		240V 480V 600V	HP HP HP	3 7.5 10

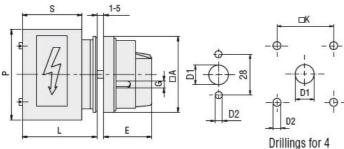
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	for single-phase motor			
		120V	HP	0.75
		240V	HP	2
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protecti	ion			
Frontal IP degree				IP40
Terminals IP degree				IP00

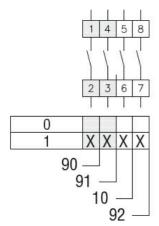
Dimensions



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	
IEC/EN/BS 60947-1	
IEC/EN/BS 60947-3	
IEC/EN/BS 60947-5-1	

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ENERGY AND AUTOMATION

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	UL60947-4-1	
Certificates		
	cCSAus	
	EAC	
	UL	
ETIM classificati	on	
		EC001029 -
ETIM 8.0		Selector switch,

Selector switch, complete

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