

## **7GN4010U25** ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 40A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM



Product designation			Rotary cam
-			switches
Product type designation			7GN40
General characteristics			10 - ON/OFF
Switching diagram			switch 3 poles
N° of elements			2
			U25 - Front
			mounting with
Mounting form			red/yellow handle
,			padlockable in 0 and protection
			covers
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			10
	IEC/EN UL/CSA	A A	40 50
Rated operational voltage	00/03A	 V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			•
	10kA	А	40
	15kA	А	40
	25kA	А	40
	50kA	А	40
	63kA	A	40
Rated short time current Icw	4 -	•	4000
Conductivity	1s	A	1000 10/5 mA/V
Operational current le IEC/EN			10/3 IIIA/ V
AC1/AC21A			
		А	40
AC15			
	110V	А	25
	220/230V	А	22
	380/400V	A	12
	660/690V	A	2
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	8
	380/440V	kW	o 15
	500/690V	kW	15
Single-phase AC-3			

Single-phase AC-3



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		110V	kW	3
		220/230V	kW	6.5
		380/440V	kW	8
	Three-phase AC23A			
		220/230V	kW	8
		380/440V	kW	18.5
		500/690V	kW	22
	Single-phase AC23A			
		110V	kW	3
		220/230V	kW	6
		380/440V	kW	11
Rated operational curr	rent in DC	000, 1101		••
	DC21A			
	DOZIA	48V	۸	40
		48V 60V	A	
			A	40
		110V	A	6
		220V	Α	0.9
	DC23A (poles in series)	<b>•</b> • • •		40 (4)
		24V	A	40 (1)
		48V	А	40 (2)
		60V	A	40 (3)
		110V	Α	20 (3)
		220V	Α	12 (4)
	DC13			
		24V	А	40
		48V	А	32
		60V	А	16
		110V	А	3
Power dissipation			W	2.0
Mechanical features				
Terminals screw				M4
Tightening torque for t	erminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable	IVICA	,,,,,	5
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable	IVIdX	ANG	10
			mm <sup>2</sup>	1 5
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable		-	
		min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data				
Motor power for direct				
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	20
		600V	HP	20
	for single-phase motor			

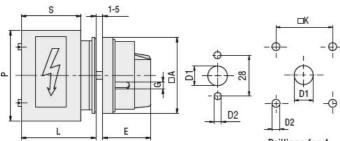
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		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Prote	ction			
Frontal IP degree				IP40
Terminals IP degree	e			IP00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

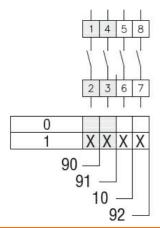
#### Dimensions



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
IEC/EN/BS 60947-1
IEC/EN/BS 60947-3
IEC/EN/BS 60947-5-1
UL60947-4-1

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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

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Certificates		
	cCSAus	
	EAC	
	UL	
ETIM classificat	ion	
		EC001029 -
ETIM 8.0		Selector switch,

Selector switch, complete