



**ENERGY AND AUTOMATION** 

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 decignation			Rotary cam
Product designation			switches
Product type designation			7GN40
General characteristics			07 - ON/OFF
Switching diagram			switch 3 poles
N° of elements			2
			U25 - Front
			mounting with
Mounting form			red/yellow handle
g is			padlockable in 0
			and protection covers
Contact characteristics			COVEIS
Rated insulation voltage Ui			
Traise initialiation voltage of	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	Α	40
	UL/CSA	Α	50
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	40
	15kA	Α	40
	25kA	Α	40
	50kA	A	40
Date dich out time a comment land	63kA	A	40
Rated short time current Icw	1s	Α	1000
Conductivity	15		10/5 mA/V
Operational current le IEC/EN			10/3 111/4/ V
AC1/AC21A			
710 17102 171		Α	40
AC15			
	110V	Α	25
	220/230V	Α	22
	380/400V	Α	12
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	8
	380/440V	kW	15
0	500/690V	kW	15
Single-phase AC-3	4401/	[21.8.1	2
	110V	kW	3
	220/230V 380/440V	kW kW	6.5 8
Three-phase AC23A	30U/44UV	r. v v	O
Hilee-pilase ACZSA	220/230V	kW	8
	380/440V	kW	18.5
	500/690V	kW	22
	300,300 V		- <b>-</b>





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	Single-phase AC23A			
	3 - 1	110V	kW	3
		220/230V	kW	6
		380/440V	kW	11
Rated operational curre	ent in DC			
	DC21A			
	502177	48V	Α	40
		60V	A	40
		110V	A	6
		220V	A	0.9
	DC23A (poles in series)	220 V		0.9
	DOZOA (poles ili selles)	24V	Α	40 (1)
		48V		
			A	40 (2)
		60V	A	40 (3)
		110V	Α	20 (3)
	-	220V	Α	12 (4)
	DC13		_	
		24V	Α	40
		48V	Α	32
		60V	Α	16
		110V	Α	3
Power dissipation			W	2.0
Mechanical features				
erminals screw				M4
ightening torque for te	rminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
	7.1.7 Tagas dable	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable	IVICA	AWO	0
	AVVG - Flexible cable	min	AWG	16
			AWG	10
	Conductor size (IEC). Florible coble	Max	AVVG	10
	Conductor size (IEC) - Flexible cable	!	2	4.5
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable		_	
		min	mm²	1.5
		Max	mm²	10
lechanical life			cycles	5x10 <sup>6</sup>
JL technical data				
Notor power for direct-	on-line control			
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	20
		600V	HP	20
	for single-phase motor			-
	io. single phase motor	120V	HP	2
		240V	HP	5
Ambient conditions		240 V	ПР	J
emperature	Out of the terms of			
	Operating temperature		2.5	0.5
		min	°C	-25
		max	°C	+55



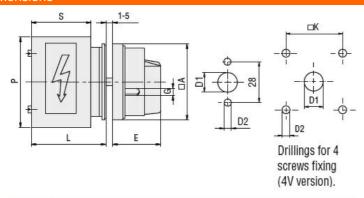
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Storage temperature
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min	°C	-40
max	°C	+70

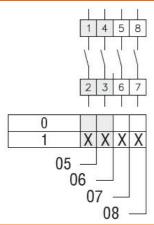
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00

#### Dimensions



Series	Dimensions								
	□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

### Certificates

cCSAus

EAC

UL

# ETIM classification





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ETIM 8.0

EC001029 -Selector switch, complete