

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 40A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM **ENERGY AND AUTOMATION**

Product designation				Rotary cam switches
Product type designation				7GN40
General characteristics				OO ON/OFF
Switching diagram				08 - ON/OFF switch 4 poles
N° of elements				2
Mounting form				O98 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Contact characteristics Rated insulation voltage				
realed insulation voitage	5 01	IEC/EN UL/CSA	V V	690 600
Rated impulse withstan	d voltage Uimp		kV	6
Conventional free air th	ermal current Ith			
		IEC/EN	A	40
Rated operational volta	na .	UL/CSA	A V	50 480
Rated operational impu			kV	4
	short-circuit protection In (gG)			<u> </u>
	1 (3 /	10kA	Α	40
		15kA	Α	40
		25kA	Α	40
		50kA	A	40
Data dahari dan asamar	4.1	63kA	A	40
Rated short time currer	IT ICW	1s	kA	1000
Conductivity				10/5 mA/V
Operational current le I				
	AC1/AC21A		Α	40
	AC15		A	40
	7010	110V	Α	25
		220/230V	Α	22
		380/400V	Α	12
		660/690V	Α	2
Rated operational power				
	Three-phase AC-3	000/0001/		
		220/230V	kW	8
		380/440V 500/690V	kW kW	15 15
	Single-phase AC-3	300/030 V	KVV	
	zg.o p.i.doo / to o	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



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	Single-phase AC23A			
	emigra primada / id=a/ i	110V	kW	3
		220/230V	kW	6
		380/440V	kW	11
Rated operational curi	rent in DC			
	DC21A			
		48V	Α	40
		60V	Α	40
		110V	A	6
		220V	Α	0.9
	DC23A (poles in series)			
		24V	Α	40 (1)
		48V	Α	40 (2)
		60V	Α	40 (3)
		110V	Α	20 (3)
		220V	A	12 (4)
	DC40	2201		14 (7)
	DC13	2.01		40
		24V	Α	40
		48V	Α	32
		60V	Α	16
		110V	Α	3
Power dissipation			W	2.0
Mechanical features			VV	2.0
				N 4 4
Terminals screw				M4
Tightening torque for t	terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
	3	min	AWG	16
		111111		
	ANA/O Florible coble	Max	AWG	8
	AWG - Flexible cable	Max	AWG	8
	AWG - Flexible cable	Max min	AWG	16
	AWG - Flexible cable	Max	AWG	8
	AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min	AWG	16
		Max min Max	AWG AWG AWG	16 10
		Max min Max min	AWG AWG AWG	16 10 1.5
	Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG	16 10
		Max min Max min Max	AWG AWG AWG mm² mm²	16 10 1.5 6
	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm² mm²	16 10 1.5 6
	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm² mm² mm² mm²	8 16 10 1.5 6 1.5
Mechanical life	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm² mm²	16 10 1.5 6
Mechanical life UL technical data	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm² mm² mm² mm²	8 16 10 1.5 6 1.5
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG AWG AWG mm² mm² mm² mm²	8 16 10 1.5 6 1.5
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max	AWG AWG AWG mm² mm² mm² mm²	8 16 10 1.5 6 1.5
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG mm² mm² mm² cycles	8 16 10 1.5 6 1.5 10 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max	AWG AWG AWG mm² mm² cycles	8 16 10 1.5 6 1.5 10 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max 120V 240V	AWG AWG AWG mm² mm² cycles	8 16 10 1.5 6 1.5 10 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max 120V 240V 480V	AWG AWG AWG mm² mm² cycles HP HP	16 10 1.5 6 1.5 10 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max 120V 240V	AWG AWG AWG mm² mm² cycles	8 16 10 1.5 6 1.5 10 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max 120V 240V 480V	AWG AWG AWG mm² mm² cycles HP HP	16 10 1.5 6 1.5 10 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP	8 16 10 1.5 6 1.5 10 5x10 ⁶ 5 10 20 20
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP HP	8 16 10 1.5 6 1.5 10 5x10 ⁶ 5 10 20 20
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP	8 16 10 1.5 6 1.5 10 5x10 ⁶ 5 10 20 20
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP HP	8 16 10 1.5 6 1.5 10 5x10 ⁶ 5 10 20 20
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor for single-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP HP	8 16 10 1.5 6 1.5 10 5x10 ⁶ 5 10 20 20
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP HP	16 10 1.5 6 1.5 10 5x10 ⁶ 5 10 20 20
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UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor for single-phase motor	Max min Max min Max min Max 120V 240V 480V 600V 120V 240V	AWG AWG AWG mm² mm² cycles HP HP HP HP	16 10 1.5 6 1.5 10 5x10 ⁶ 5 10 20 20



ENERGY AND AUTOMATION

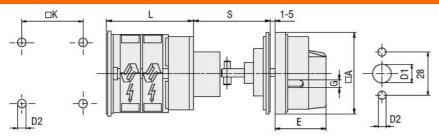
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Storage temperature

min	°C	-40
max	°C	+70

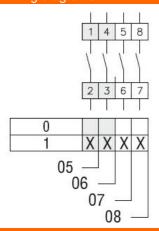
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00

Dimensions



Series		Dimensions						L			
	□A	D1	D2	Е	G	□K	S	1	2	3	12
7GN12	65	12	5	34.2	5	36	45-55	41.1	50.8	60.5	147.8
7GN20	65	12	5	34.2	5	36	45-55	41.1	50.8	60.5	147.8
7GN25	65	14	5	38	6	48	45-55	51.5	66.6	81.7	217.6
7GN40	65	14	5	38	6	48	45-55	51.5	66.6	81.7	217.6
7GN63	65	14	6	38	6	68	45-55	57.3	75.4	93.5	256.4

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

ETIM 8.0

EC001029 -Selector switch, complete

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