

ENERGY AND AUTOMATION

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

				Rotary cam
Product designation	on			switches
Product type desig				7GN40
General characteri	stics			00 01/055
Switching diagram				08 - ON/OFF switch 4 poles
N° of elements				2
-				O98 - Rear
				mounting with
				red/yellow handle
Mounting form				padlockable in 0,
				door coupling and protection
				covers
Contact characteri	stics			
Rated insulation vo	oltage Ui			
		IEC/EN	V	690
		UL/CSA	V	600
	nstand voltage Uimp		kV	6
Conventional free	air thermal current Ith			
		IEC/EN	A	40
Data d an anational	velte ve	UL/CSA	A V	50
Rated operational			kV	480
Rated operational	e for short-circuit protection In (gG)		KV	4
Maximum ruse size	e for short-circuit protection in (gG)	10kA	Α	40
		15kA	A	40
		25kA	Α	40
		50kA	Α	40
		63kA	Α	40
Rated short time c	urrent Icw			
-		1s	Α	1000
Conductivity				10/5 mA/V
Operational curren				
	AC1/AC21A			
	1015		Α	40
	AC15	440)/	Δ.	0.5
		110V 220/230V	A A	25 22
		380/400V	A	12
		660/690V	A	2
Rated operational	power in AC	000/0001		
	Three-phase AC-3			
	•	220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	15
	Single-phase AC-3			_
		110V	kW	3
		220/230V	kW	6.5
	The second second	380/440V	kW	8
	Three-phase AC23A	000/0001	[21.6.1	0
		220/230V	kW kW	8 18.5
		380/440V 500/690V	kW	18.5
		300/090 V	17 A A	<i></i>



7GN4008O98

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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 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
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 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



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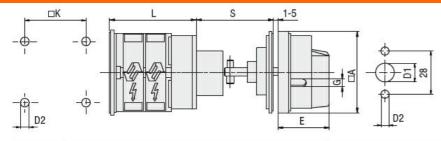
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Storage temperature

min	°C	-40		
max	°C	+70		

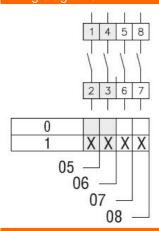
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00

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