



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 40A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Product designation				Rotary cam switches
Product type designation	on			7GN40
General characteristics				
Switching diagram				07 - ON/OFF switch 3 poles
N° of elements				2
Mounting form				U - Front mounting with black handle
Contact characteristics				
Rated insulation voltage	e Ui	150/51		
		IEC/EN	V	690
Rated impulse withstar	ad voltago Llimp	UL/CSA	V kV	600
Conventional free air th	•		KV	0
Conventional free all ti	iermai current iui	IEC/EN	Α	40
		UL/CSA	Α	50
Rated operational volta	age		V	480
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)			_
		10kA	Α	40
		15kA	Α	40
		25kA	A	40
		50kA	A	40
Rated short time currer	nt law	63kA	A	40
Rated Short time curren	III ICW	1s	kA	1000
Conductivity		10	10 (10/5 mA/V
Operational current le	IEC/EN			10/0 11// 0
оролоно от того от тог	AC1/AC21A			
			Α	40
	AC15			
	= -			
		110V	Α	25
		220/230V	Α	22
		220/230V 380/400V	A A	22 12
		220/230V	Α	22
Rated operational pow	er in AC	220/230V 380/400V	A A	22 12
Rated operational pow		220/230V 380/400V 660/690V	A A A	22 12 2
Rated operational pow	er in AC	220/230V 380/400V 660/690V 220/230V	A A A	22 12 2
Rated operational pow	er in AC	220/230V 380/400V 660/690V 220/230V 380/440V	A A A kW kW	22 12 2 8 15
Rated operational pow	er in AC Three-phase AC-3	220/230V 380/400V 660/690V 220/230V	A A A	22 12 2
Rated operational pow	er in AC	220/230V 380/400V 660/690V 220/230V 380/440V	A A A kW kW	22 12 2 8 15
Rated operational pow	er in AC Three-phase AC-3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V	A A A kW kW kW	22 12 2 8 15 15
Rated operational pow	er in AC Three-phase AC-3 Single-phase AC-3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V	A A A kW kW kW	22 12 2 8 15 15
Rated operational pow	er in AC Three-phase AC-3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V 380/440V	A A A kW kW kW kW	22 12 2 8 15 15 15 3 6.5 8
Rated operational pow	er in AC Three-phase AC-3 Single-phase AC-3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V 380/440V	A A A kW kW kW kW kW	22 12 2 8 15 15 15 8 8
Rated operational pow	er in AC Three-phase AC-3 Single-phase AC-3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V 380/440V	A A A kW kW kW kW kW	22 12 2 8 15 15 15 3 6.5 8
Rated operational pow	er in AC Three-phase AC-3 Single-phase AC-3 Three-phase AC23A	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V 380/440V	A A A kW kW kW kW kW	22 12 2 8 15 15 15 8 8
Rated operational pow	er in AC Three-phase AC-3 Single-phase AC-3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V 380/440V 220/230V 380/440V 500/690V	A A A kW kW kW kW kW kW	22 12 2 8 15 15 15 3 6.5 8 8 18.5 22
Rated operational pow	er in AC Three-phase AC-3 Single-phase AC-3 Three-phase AC23A	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V 380/440V	A A A kW kW kW kW kW	22 12 2 8 15 15 15 3 6.5 8





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		380/440V	kW	11
Rated operational cur	rent in DC			
	DC21A			
		48V	Α	40
		60V	Α	40
		110V	Α	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	Α	12 (4)
	DC13			
		24V	Α	40
		48V	Α	32
		60V	Α	16
		110V	Α	3
Power dissipation			W	2.0
Mechanical features				
Terminals screw				M4
Tightening torque for t	terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
	-	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
	,	min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable			
	3	min	mm²	1.5
		Max	mm²	10
Mechanical life		-	cycles	5x10 ⁶
UL technical data			.,	
Motor power for direct	t-on-line control			
2.2 2	for three-phase motor			
	and process meter.	120V	HP	5
		240V	HP	10
		480V	HP	20
		600V	HP	20
	for single-phase motor		• • • •	
	ioi singio phase motor	120V	HP	2
		240V	HP	5
Ambient conditions		270 V		
Temperature				
Tomporataro	Operating temperature			
	Operating temperature	min	°C	-25
		max	°C	-25 +55
	Storago tomporaturo	IIIdX	U	TJJ
	Storage temperature	min	°C	-40
		min	°C	
		max		+70

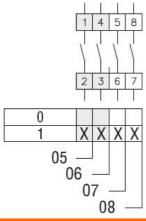


ENERGY AND AUTOMATION

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IP40
IP00

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