



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 32A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM

Droduct designation				Rotary cam
Product designation				switches
Product type designation General characteristics				7GN32
Switching diagram				05 - ON/OFF
				switch 1 pole
N° of elements				1
				O88 - Rear
				mounting with red/yellow handle
Mounting form				padlockable in 0,
Wodning form				door coupling
				and protection
				covers
Contact characteristics				
Rated insulation voltag	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar	·		kV	6
Conventional free air th	nermal current Ith		_	
		IEC/EN	A	32
<del></del>		UL/CSA	Α	40
Rated operational volta			V	480
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)	401.4	•	00
		10kA	A	32
		15kA 25kA	A	32
		25kA 50kA	A A	32 32
Rated short time curre	ot low	JUKA		32
Nateu Short time curre	III IGW	1s	Α	800
Conductivity		13		10/5 mA/V
Operational current le	IFC/FN			10/0111/0
operational current to	AC1/AC21A			
	7.6 17.62 17.		Α	32
	AC15			
		110V	Α	25
		220/230V	Α	20
		380/400V	Α	10
		660/690V	Α	2
Rated operational pow	er in AC			
	Three-phase AC-3			
		220/230V	kW	7.5
		380/440V	kW	11
	-	500/690V	kW	11
	Single-phase AC-3	4.40	1 1 4 7	0.0
		110V	kW	2.2
		220/230V	kW	4
	Three phase AC22A	380/440V	kW	6.5
	Three-phase AC23A	220/230V	kW	8
		380/440V	kW	6 15
		500/690V	kW	18.5
	Single-phase AC23A	330/030 V	17.4.4	10.0
	Single phase A020A			





7GN3205O88

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		110V	kW	2.2	
		220/230V	kW	4	
		380/440V	kW	7.5	
Rated operational curre	ent in DC	000/1101	1000	7.0	
rated operational curre	DC21A				
	DCZTA	40)/			
		48V	Α	32	
		60V	Α	32	
		110V	Α	6	
		220V	Α	0.9	
	DC23A (poles in series)				
	_ 0_0/1 (poiso iii 00.100)	24V	Α	32 (1)	
		48V			
			A	32 (2)	
		60V	Α	32 (3)	
		110V	Α	15 (3)	
		220V	Α	12 (4)	
	DC13				
		24V	Α	32	
		48V	A	25	
		60V			
			A	16	
		110V	Α	3	
		220V	Α	0.5	
Power dissipation			W	1.5	
Mechanical features					
Terminals screw				M4	
Tightening torque for te			Nm	1.2	
	Hilliais max		INIII	1.2	
Conductor size					
	AWG - Rigid cable				
		min	AWG	16	
		Max	AWG	8	
	AWG - Flexible cable				
		min	AWG	16	
			AWG	10	
	O I ( (IEO) El	Max	AVVO	10	
	Conductor size (IEC) - Flexible cable				
	Conductor size (IEC) - Flexible cable	min	mm²	1.5	
	Conductor size (IEC) - Flexible cable				
	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	min	mm²	1.5	
		min Max	mm² mm²	1.5 4	
		min Max min	mm² mm²	1.5 4 1.5	
Machanical life		min Max	mm² mm² mm² mm²	1.5 4 1.5 6	
Mechanical life		min Max min	mm² mm²	1.5 4 1.5	_
UL technical data	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm² mm²	1.5 4 1.5 6	
	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm² mm²	1.5 4 1.5 6	
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max	mm² mm² mm² mm² cycles	1.5 4 1.5 6 5x10 <sup>6</sup>	
UL technical data	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm² mm²	1.5 4 1.5 6	
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UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max 120V 240V	mm² mm² mm² cycles	1.5 4 1.5 6 5x10 <sup>6</sup>	
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max 120V 240V 480V	mm² mm² mm² cycles	1.5 4 1.5 6 5x10 <sup>6</sup> 5 10	
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V	mm² mm² mm² cycles	1.5 4 1.5 6 5x10 <sup>6</sup>	
UL technical data	Conductor size (IEC) - Rigid cable	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles	1.5 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15	
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles  HP HP HP HP HP	1.5 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15	
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles	1.5 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15	
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles  HP HP HP HP HP	1.5 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles  HP HP HP HP HP	1.5 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor  for single-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles  HP HP HP HP HP	1.5 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles	1.5 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor  for single-phase motor	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles  HP HP HP HP HP HP	1.5 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15 2 5	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor  for single-phase motor	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles	1.5 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15	



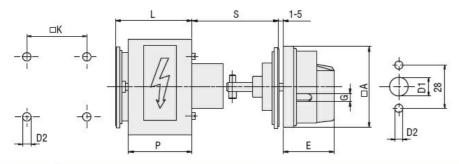
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# Storage temperature

min	°C	-40		
max	°C	+70		

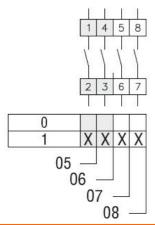
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00

### **Dimensions**



Series	Dimensions								
	□A	D1	D2	Е	G	□K	S	Р	L
7GN12	65	12	5	34.2	5	36	45-55	43	51.3
7GN20	65	12	5	34.2	5	36	45-55	43	51.3
7GN25	65	12	5	34.2	5	36	45-55	51	59.6
7GN32	65	14	5	38	6	48	45-55	55	68.7
7GN40	65	14	5	38	6	48	45-55	55	68.7

# 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

7GN3205O88

EC001029 -Selector switch, complete