



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 32A, FOR FRONT MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0 AND PROTECTION COVERS, FRONT PLATE 65X65MM

				Dotory com
Product designation				Rotary cam switches
Product type designati	on			7GN32
General characteristics				
Switching diagram				07 - ON/OFF
				switch 3 poles
N° of elements				2
				U25 - Front mounting with
				red/yellow handle
Mounting form				padlockable in 0
				and protection
				covers
Contact characteristics				
Rated insulation voltag	e UI	150/5A1	17	600
		IEC/EN UL/CSA	V	690 600
Rated impulse withstar	nd voltage I limp	UL/CSA	V kV	6
Conventional free air th	• •		۲۷	U
Conventional nee all ti	ionnai canoni iii	IEC/EN	Α	32
		UL/CSA	Α	40
Rated operational volta	age		V	480
Rated operational imp			kV	4
	short-circuit protection In (gG)			_
	,,	10kA	Α	32
		15kA	Α	32
		25kA	Α	32
		50kA	Α	32
Rated short time curre	nt Icw			
<u> </u>		1s	A	800
Conductivity	JEO/EN			10/5 mA/V
Operational current le				
	AC1/AC21A		۸	32
	AC15		Α	32
	AOIS	110V	Α	25
		220/230V	A	20
		380/400V	A	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		1386	0.0
		110V	kW	2.2
		220/230V	kW kw	4 6 5
	Three-phase AC23A	380/440V	kW	6.5
	Tillee-pilase AOZSA	220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	18.5
	Single-phase AC23A			
	<b>.</b> ,			





7GN3207U25

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		110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	7.5
Rated operational curr	ront in DC	300/440 V	IXVV	7.0
Kaleu operational curi				
	DC21A			
		48V	Α	32
		60V	Α	32
		110V	Α	6
		220V	Α	0.9
	DC23A (poles in series)			
	2020/ (poloc iii collec)	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	Α	25
		60V	A	16
		110V	A	3
		220V	A	0.5
Power dissipation			W	1.5
Mechanical features				
Terminals screw				M4
Tightening torque for t	terminals max		Nm	1.2
Conductor size				
0011440101 0120	AWG - Rigid cable			
	AWG - Rigid Cable		AWG	16
			$\Delta WV$	16
		min		
		Max	AWG	8
	AWG - Flexible cable			
	AWG - Flexible cable			
	AWG - Flexible cable	Max	AWG	8
		Max min	AWG	16
	AWG - Flexible cable  Conductor size (IEC) - Flexible cable	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 4
	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm² mm²	16 10 1.5 4
	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG  mm² mm²  mm²  mm²	16 10 1.5 4 1.5 6
Mechanical life	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm² mm²	16 10 1.5 4
Mechanical life UL technical data	Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG  mm² mm²  mm²  mm²	16 10 1.5 4 1.5 6
UL technical data	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG  mm² mm²  mm²  mm²	16 10 1.5 4 1.5 6
	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control	Max min Max min Max min	AWG AWG AWG  mm² mm²  mm²  mm²	16 10 1.5 4 1.5 6
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 4 1.5 6 5x10 <sup>6</sup>
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 4 1.5 6 5x10 <sup>6</sup>
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	16 10 1.5 4 1.5 6 5x10°
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 4 1.5 6 5x10 <sup>6</sup>
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	16 10 1.5 4 1.5 6 5x10°
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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	8 16 10 1.5 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15
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 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15
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 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15
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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	AWG AWG AWG  mm² mm² cycles  HP HP HP HP	8 16 10 1.5 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15
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  120V 240V	AWG AWG AWG mm² mm² mm² cycles  HP HP HP HP	16 10 1.5 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15
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 mm² cycles  HP HP HP HP HP HP	8 16 10 1.5 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15
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 mm² cycles  HP HP HP HP	16 10 1.5 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15



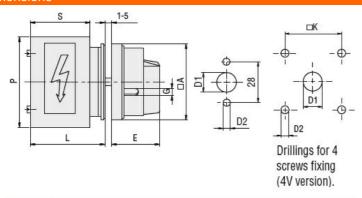
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Storag	e tem	perature

min	°C	-40
max	°C	+70

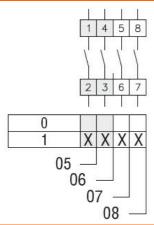
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00

#### 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