

**7GN3207U65** 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

Product designation			Rotary cam
Product type designation			switches 7GN32
General characteristics			1 GINGE
Switching diagram			07 - ON/OFF
			switch 3 poles
N° of elements			2
			U65 - Front mounting with
			red/yellow handle
Mounting form			padlockable in 0
			and protection
			covers
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Deted impulse withstand valtage Llimp	UL/CSA	V kV	600 6
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		KV	0
	IEC/EN	А	32
	UL/CSA	A	40
Rated operational voltage	02,00,1	V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	32
	15kA	А	32
	25kA	А	32
	50kA	Α	32
Rated short time current Icw			
	1s	A	800
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A			
ACT/ACZTA		А	32
AC15		A	32
A013	110V	А	25
	220/230V	A	20
	380/400V	А	10
	660/690V	А	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	7.5
	380/440V	kW	11
Circle phase AC 0	500/690V	kW	11
Single-phase AC-3	110V	kW	2.2
	220/230V	кvv kW	2.2 4
	380/440V	kW	4 6.5
Three-phase AC23A	000,1101		510
····· F.····	220/230V	kW	8
	380/440V	kW	15
	500/690V	kW	18.5
Single phase AC22A			

Single-phase AC23A



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		110V	kW	2.2	
		220/230V	kW	4	
		380/440V	kW	7.5	
Rated operational cu	rrent in DC				
	DC21A				
		48V	А	32	
		60V			
			Α	32	
		110V	Α	6	
		220V	Α	0.9	
	DC23A (poles in series)				
	(	24V	А	32 (1)	
		48V	A	32 (2)	
		60V	Α	32 (3)	
		110V	А	15 (3)	
		220V	А	12 (4)	
	DC12	2201	7	12 (4)	
	DC13		<u>.</u>		
		24V	A	32	
		48V	А	25	
		60V	A	16	
		110V	Α	3	
		220V	Α	0.5	
Power dissipation			W	1.5	
Mechanical features					
Terminals screw				M4	
Tightening torque for	terminals max		Nm	1.2	
Conductor size					
	AWG - Rigid cable				
		min	AWG	16	
		N /	A \ A / O		
		Max	AWG	8	
	AWG - Flexible cable	Max	AWG	8	
	AWG - Flexible cable	Maxmin			
	AWG - Flexible cable	min	AWG	16	
	AWG - Flexible cable Conductor size (IEC) - Flexible cable	min Max	AWG AWG	16 10	
		min	AWG	16	
		min Max	AWG AWG	16 10	
	Conductor size (IEC) - Flexible cable	min Max min	AWG AWG mm²	16 10 1.5	
		min Max min Max	AWG AWG mm <sup>2</sup> mm <sup>2</sup>	16 10 1.5 4	
	Conductor size (IEC) - Flexible cable	min Max min Max min	AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	16 10 1.5 4 1.5	
	Conductor size (IEC) - Flexible cable	min Max min Max	AWG AWG mm <sup>2</sup> mm <sup>2</sup>	16 10 1.5 4 1.5 6	
Mechanical life	Conductor size (IEC) - Flexible cable	min Max min Max min	AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	16 10 1.5 4 1.5	
	Conductor size (IEC) - Flexible cable	min Max min Max min	AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	16 10 1.5 4 1.5 6	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min Max min Max min	AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	16 10 1.5 4 1.5 6	
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min Max min Max min	AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	16 10 1.5 4 1.5 6	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min Max min Max min Max	AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	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	min Max min Max min	AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	16 10 1.5 4 1.5 6	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min Max min Max Max 120V	AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	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	min Max min Max min Max 120V 240V	AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	16 10 1.5 4 1.5 6 5x10 <sup>6</sup> 5 10	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min Max min Max min Max 120V 240V 480V	AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	16 10 1.5 4 1.5 6 5x10 <sup>6</sup> 5 10 15	
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min Max min Max min Max 120V 240V	AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	16 10 1.5 4 1.5 6 5x10 <sup>6</sup> 5 10	
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UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min Max min Max min Max 120V 240V 480V 600V 120V	AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP HP	16 10 1.5 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15 2	
UL technical data Motor power for direc	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min Max min Max min Max 120V 240V 480V 600V	AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	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 direc	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min Max min Max min Max 120V 240V 480V 600V 120V	AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP HP	16 10 1.5 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15 2	
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable         Conductor size (IEC) - Rigid cable         ct-on-line control for three-phase motor         for single-phase motor	min Max min Max min Max 120V 240V 480V 600V 120V	AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP HP	16 10 1.5 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15 2	
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min Max min Max min Max 120V 240V 480V 600V 120V 240V	AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	16 10 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) - Flexible cable         Conductor size (IEC) - Rigid cable         ct-on-line control for three-phase motor         for single-phase motor	min Max min Max min Max 120V 240V 480V 600V 120V	AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP HP	16 10 1.5 4 1.5 6 5x10 <sup>6</sup> 5 10 15 15 2	

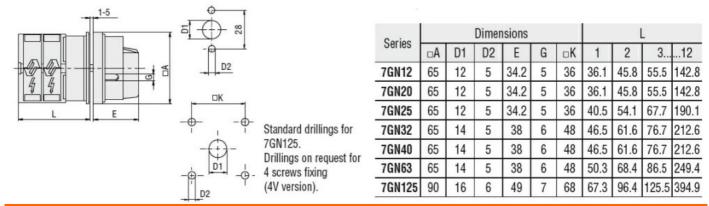
7GN3207U65

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

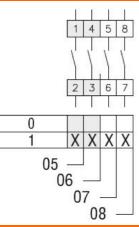


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Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			



## 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 EC001029 -

Selector switch, complete

## **ETIM 8.0**

7GN3207U65