

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 32A, FOR REAR MOUNTING
WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION
COVERS, FRONT PLATE 65X65MM

Product designation Switches Switches Product type designation Switches Product type designation Switches Product type designation Switching diagram Switching diagr	Decimation				Rotary cam
Switching diagram Swit	_				switches
Switching diagram Switch 2 poles					7GN32
Switching dargham Switch 2 poles		S			06 - ON/OFF
Mounting form Contact characteristics	Switching diagram				
Mounting form mounting with redyellow handle padlockable in 0, door coupling and protection covers Contact characteristics Rated insulation voltage Ui IEC/EN U/CSA V 600 Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current Ith IEC/EN A 32 U/CSA A 40 Rated operational voltage V 480 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 32 15kA A 32 25kA A	N° of elements				1
Mounting form Mounting for					
Mounting form Pacilicacian in 0, do not coupling and protection covers					
Contact characteristics	Mounting form				
Contact characteristics					
Rated insulation voltage Ui					and protection
Rated insulation voltage Ui					covers
Rated impulse withstand voltage Uimp RV 6000 Rated impulse withstand voltage Uimp RV 6 Conventional free air thermal current ith IEC/EN A 32 UI/CSA A 40 Rated operational voltage V 480 Rated operational impulse voltage RV 4 Maximum fuse size for short-circuit protection in (gG) 10kA A 32 Saka A 32 S					
Rated impulse withstand voltage Uimp	Rated insulation voltag	ge Ui	IEO/EN		000
Rated impulse withstand voltage Uimp					
Conventional free air thermal current Ith	Patad impulsa witheta	nd voltage Llimp	UL/CSA		
Rated operational voltage V				K V	0
Rated operational voltage	Conventional nee all t	nomai ourone iui	IFC/FN	А	32
Rated operational voltage V					
Rated operational impulse voltage Rated operational impulse voltage SV 4	Rated operational volt	age	0200.1		
Maximum fuse size for short-circuit protection In (gG)				kV	
15kA					
Rated short time current Icw 1s A 800		, ,	10kA	Α	32
Soka A 32 Rated short time current lcw 1s A 800 10/5 mA/V			15kA	Α	32
Rated short time current low					
Three-phase AC-3 Three-phase AC-23A Conductivity			50kA	Α	32
Conductivity	Rated short time curre	ent Icw			
Operational current le IEC/EN AC1/AC21A AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC-3 220/230V kW 6.5 Three-phase AC-3 220/230V kW 4 380/440V kW 15 500/690V kW 15	0 1 11		1s	Α	
AC1/AC21A AC15 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 4 380/440V kW 15 500/690V kW 15		JEO/EN			10/5 mA/V
A 32 AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 4 380/440V kW 15 500/690V kW 15 500/690V kW 15	Operational current le				
AC15 110V A 25 220/230V A 20 380/400V A 10 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15		AC1/AC21A		۸	22
110V		AC15			32
220/230V		A013	110V	Α	25
Single-phase AC-3					
Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 15 500/690V kW 18.5					
Three-phase AC-3 220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5				Α	
220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5	Rated operational pov	ver in AC			
380/440V kW 11 500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5		Three-phase AC-3			
500/690V kW 11 Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5					
Single-phase AC-3 110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5					
110V kW 2.2 220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5			500/690V	kW	
220/230V kW 4 380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 220/230V kW 8 380/440V kW 15 500/690V kW 18.5		Single-phase AC-3	4401	1-7.67	0.0
380/440V kW 6.5 Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5					
Three-phase AC23A 220/230V kW 8 380/440V kW 15 500/690V kW 18.5					
220/230V kW 8 380/440V kW 15 500/690V kW 18.5		Three-phase AC23A	300/4407	r\ v v	0.0
380/440V kW 15 500/690V kW 18.5		00 pild00 /1020/1	220/230V	kW	8
500/690V kW 18.5					
		Single-phase AC23A			_



7GN3206O88

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WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION

COVERS, FRONT PLATE 65X65MM

		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 curr	DC21A				
	DCZTA	40)/		0.0	
		48V	Α	32	
		60V	Α	32	
		110V	Α	6	
		220V	Α	0.9	
	DC23A (poles in series)				
	_ 0_0/ (poiso iii ooiioo)	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	arminale may		Nm	1.2	
	enninals max		INIII	1.2	
Conductor size					
	AWG - Rigid cable				
		min	AWG	16	
		Max	AWG	8	
	AWG - Flexible cable				
		min	AWG	16	
		Max	AWG	10	
		IVIdX	AWG	10	
	Conductor size (IEC) - Flexible cable		_		
	Conductor Size (IEC) - Flexible Cable	min	mm²	1.5	
		min Max	mm² mm²	1.5 4	
	Conductor size (IEC) - Rigid cable				
		Max	mm²	4	
		Max min	mm²	1.5	
Machanical life		Max	mm² mm² mm²	1.5 6	
Mechanical life		Max min	mm²	1.5	
UL technical data	Conductor size (IEC) - Rigid cable	Max min	mm² mm² mm²	1.5 6	
	Conductor size (IEC) - Rigid cable	Max min	mm² mm² mm²	1.5 6	_
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max	mm² mm² mm² cycles	1.5 6 5x10 ⁶	
UL technical data	Conductor size (IEC) - Rigid cable	Max min	mm² mm² mm²	1.5 6	
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max	mm² mm² mm² cycles	1.5 6 5x10 ⁶	
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max 120V 240V	mm² mm² cycles	1.5 6 5x10 ⁶ 5	
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max 120V 240V 480V	mm² mm² cycles	1.5 6 5x10 ⁶ 5 10 15	
UL technical data	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max 120V 240V	mm² mm² cycles	1.5 6 5x10 ⁶ 5	
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max 120V 240V 480V 600V	mm² mm² cycles HP HP HP	1.5 6 5x10 ⁶ 5 10 15	
UL technical data	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max 120V 240V 480V 600V	mm² mm² cycles HP HP HP HP	1.5 6 5x10 ⁶ 5 10 15 15	
UL technical data	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max 120V 240V 480V 600V	mm² mm² cycles HP HP HP	1.5 6 5x10 ⁶ 5 10 15	
UL technical data	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max 120V 240V 480V 600V	mm² mm² cycles HP HP HP HP	1.5 6 5x10 ⁶ 5 10 15 15	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max 120V 240V 480V 600V	mm² mm² cycles HP HP HP HP	1.5 6 5x10 ⁶ 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	Max min Max 120V 240V 480V 600V	mm² mm² cycles HP HP HP HP	1.5 6 5x10 ⁶ 5 10 15 15	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² cycles HP HP HP HP	1.5 6 5x10 ⁶ 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	Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² cycles HP HP HP HP HP	1.5 6 5x10 ⁶ 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	Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² cycles HP HP HP HP	1.5 6 5x10 ⁶ 5 10 15 15	



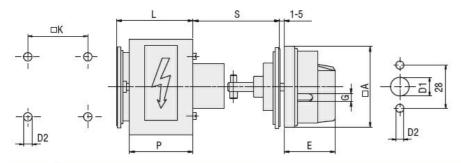
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Storage temperature

min	°C	-40
max	°C	+70

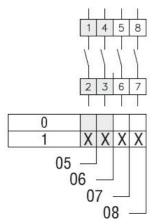
	 -	
Resistance & Protection		
Frontal IP degree		IP40
Terminals IP degree		IP00

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

EC001029 -Selector switch, complete