# ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 32A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM



Product type designation 7GN32  General characteristics  Switching diagram 92 - ON/OFF switch 4 poles  N° of elements 2  U - Front	Product designation			Rotary cam
General characteristics         N° of elements       2         Mounting form       U - Front mounting with black handle         Contact characteristics         Rated insulation voltage Ui         IEC/EN V 680         UL/CSA V 600         Rated insulation voltage Uimp       kV 6         Conventional free air thermal current Ith       IEC/EN A 32         UL/CSA A 40         Rated operational voltage       kV 480         Rated operational impulse voltage       kV 4         Maximum fuse size for short-circuit protection In (gG)         10kA A 32         25kA A 32 <td< td=""><td>-</td><td></td><td></td><td></td></td<>	-			
Switching diagram   Switch 4 poles				7GN32
Switch 4 pole   N° of elements   2   2				92 - ON/OFF
Mounting form	Switching diagram			switch 4 poles
Mounting form   Section   Section	N° of elements			
Contact characteristics	Mounting form			U - Front mounting with
Rated insulation voltage Ui				black handle
IEC/EN   V   690   UI/CSA   V   600     Rated impulse withstand voltage Uimp   EC/EN   A   32   UI/CSA   A   40     Rated operational free air thermal current lth   IEC/EN   A   32   UI/CSA   A   40     Rated operational voltage   V   480     Rated operational impulse voltage   EV   4     Maximum fuse size for short-circuit protection In (gG)   10kA   A   32     15kA   A   32     15kA   A   32     15kA   A   32     25kA   A   32     25kA				
Nate	Rated insulation voltage Ui	IEO/ENI		000
Rated impulse withstand voltage Uimp				
Conventional free air thermal current Ith	Patad impulse withstand voltage Llimp	UL/CSA		
IEC/EN   A   32   10   10   10   10   10   10   10   1			۲۷	U
Name	Conversional free all triorinal outlone for	IFC/FN	А	32
Rated operational voltage   V   480				
Rated operational impulse voltage   kV 4	Rated operational voltage			
Maximum fuse size for short-circuit protection In (gG)  10kA A 32 15kA A 32 25kA A 32 25kA A 32 50kA A 32  Rated short time current lcw  1s kA 800  Conductivity  1s kA 800  Conductivity  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  Rated operational power in AC  Three-phase AC-3  Single-phase AC-3  110V kW 7.5 380/440V kW 11 500/690V kW 11			kV	
15kA	·			
Rated short time current lcw		10kA	Α	32
Single-phase AC-3   Sing		15kA	Α	32
Rated short time current lcw			Α	
1s		50kA	A	32
Conductivity	Rated short time current 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	016.16	1s	kA	
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				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	·			
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	ACT/ACZTA		Δ	32
110V   A   25   220/230V   A   20   380/400V   A   10   660/690V   A   2   2   2   2   2   2   2   2   2	AC15			52
220/230V	7.010	110V	Α	25
380/400V				
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				
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		660/690V	Α	2
220/230V kW 7.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3	·			
380/440V kW 11 500/690V kW 11 Single-phase AC-3	Three-phase AC-3			
500/690V kW 11 Single-phase AC-3 110V kW 2.2				
Single-phase AC-3 110V kW 2.2				
110V kW 2.2	Single phase AC 2	500/690V	KVV	11
	Single-phase AC-3	110\/	<b>۲</b> /۸/	2.2
380/440V kW 6.5				
Three-phase AC23A	Three-phase AC23A	220, 1107		





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		/		_
		220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	18.5
	Single-phase AC23A			
		110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	7.5
Rated operational curr				
	DC21A			
		48V	Α	32
		60V	Α	32
		110V	Α	6
		220V	Α	0.9
	DC23A (poles in series)			
		24V	Α	32 (1)
		48V	Α	32 (2)
		60V	Α	32 (3)
		110V	Α	15 (3)
		220V	Α	12 (4)
	DC13			
		24V	Α	32
		48V	Α	25
		60V	Α	16
		110V	Α	3
		220V	Α	0.5
Power dissipation			W	1.5
Mechanical features				
Terminals screw				M4
Tightening torque for to	erminals 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	····ax		
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	min	mm²	1.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable	IVIUA		·
	Solidation Size (IEO) Trigid Cable	min	mm²	1.5
		Max	mm²	6
Mechanical life		IVIAX	cycles	5x10 <sup>6</sup>
UL technical data			cycles	JATU
Motor power for direct	-on-line control			
motor power for direct				
	for three-phase motor	4001/	HВ	E
		120V	HP	5
		240V	HP	10
		480V	HP	15
		600V	HP	15
	for single-phase motor			
		120V	HP	2
A colling and the		240V	HP	5
Ambient conditions				



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### Temperature

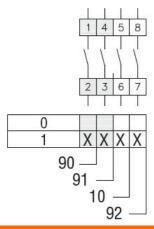
О	perating	tem	perat	ure

	min	°C	-25	
	max	°C	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	

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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

ETIM 8.0

EC001105 - Offload switch