

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 25A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product type designation	Product designation			Rotary cam
Switching diagram	•			
Switching diagram 07 - ON/OFF witch 3 poles N° of elements 2 Mounting form 2 O48 - Modular service cover for 35mm din rating with black handle Contact characteristics Rated insulation voltage Ui IEC/EN V 690 Rated impulse withstand voltage Ulimp Rated inpulse withstand voltage Ulimp Rated IEC/EN A 25 Conventional free air thermal current lth IEC/EN A 25 Rated operational voltage R V 480 Rated operational impulse voltage R V 480 Rated short time current lcw 10kA A 25 Rated short time current lcw 1s kA 400 Conductivity 1s kA 400 Conductivity 1s kA 400 Conductivity 25 KI 40 Conductivity 1s kA 400 Conductivity 2 25 AC15 1s kA 400 Conductivity 2 25 <td></td> <td></td> <td></td> <td>701425</td>				701425
No of elements 2				
Service Cover for Signature Serv	N° of elements			
Rated insulation voltage Uimp IEC/EN V 690 UL/CSA V 600 Rated impulse withstand voltage Uimp IEC/EN KV 6 Conventional free air thermal current lith IEC/EN A 25 UL/CSA A 30 Rated operational voltage V 480 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 25 15kA A 25 15kA A 25 25kA A 25 15kA A 25 25kA A 25 15kA A 25 25kA A 25 15kA A 25 15				service cover for 35mm din rail mounting with
Rated impulse withstand voltage Ulimp Riv Conventional free air thermal current lth RicCEN R				
Rated impulse withstand voltage Uimp	Rated insulation voltage Ui	IEC/EN	\ /	000
Rated impulse withstand voltage Uimp				
Conventional free air thermal current Ith	Rated impulse withstand voltage Uimp	OLIOGA		
Rated operational voltage				
Rated operational voltage		IEC/EN	Α	25
Rated operational impulse voltage		UL/CSA	Α	30
Maximum fuse size for short-circuit protection In (gG) 10kA A 25 15kA A 25 25kA A 25 25kA A 25 Rated short time current Icw 1s kA 400 Conductivity 10/5 mA/V Operational current le IEC/EN AC1/AC21A AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V 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 5.5 500/690V kW 7.5 500/690V kW 7.5 Three-phase AC-3 220/230V kW 3 380/440V kW 7.5 500/690V kW 3 380/440V kW 5.5 Three-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC-3A 220/230V kW 6.5 380/440V kW 5.5 Three-phase AC-3A 110V kW 1.5 220/230V kW 3 380/440V kW 1.5 500/690V kW 11 Single-phase AC-3A 110V kW 1.5 380/440V kW 11 500/690V kW 11 Single-phase AC-3A				
10kA			kV	4
15kA 25k	Maximum fuse size for short-circuit protection In (gG)			
Rated short time current Icw 1s				
Rated short time current low				
Three-phase AC-3 Three-phase	Rated short time current low	ZUKA		25
Conductivity	Nated Short time current tow	1s	kA	400
A	Conductivity			
A 25 AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A				
AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A				
110V			Α	25
220/230V	AC15			
Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 500/690V kW 7.5 500/690V kW 3 380/440V kW 5.5 5 5 5 5 5 5 5 5				
Rated operational power in AC				
Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 11 500/690V kW 11				
Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 11	Rated operational power in AC	000/090 V		
220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3 380/440V kW 11 500/690V kW 11				
380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3 380/440V kW 3		220/230V	kW	5.5
Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7		380/440V	kW	7.5
110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7		500/690V	kW	7.5
220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7	Single-phase AC-3			
380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7				
Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7				
220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7	Throo-phase AC23A	38U/44UV	KVV	5.5
380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7	Hilee-phase AGZSA	220/230\/	k\/\/	6.5
500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7				
Single-phase AC23A 110V kW 1.5 220/230V kW 3.7				
110V kW 1.5 220/230V kW 3.7	Single-phase AC23A			
	-			
380/440V kW 5.5				
333,1101 111 0.0		380/440V	kW	5.5



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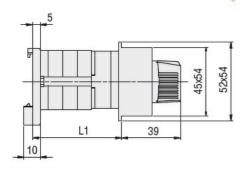
Mechanical features					
ABV	Rated operational cu	urrent in DC			
BOV		DC21A			
110V				Α	
DC23A (poles in series)					
DC23A (poles in series)					
24V			220V	Α	0.7
ABV		DC23A (poles in series)	201		07 (4)
BOUY					
1100					
DC13					
DC13					
24V		DC13	220 V		10 (4)
ABV		D013	24\/	Α	25
Conductor size (IEC) - Flexible cable Max					
110V					
Province 150 1.1					
Power dissipation W 1.1					
Machanical features	Power dissipation			W	
AWG - Rigid cable	Mechanical features				
AWG - Rigid cable Max	Terminals screw				M3.5
AWG - Rigid cable min		r terminals max		Nm	0.8
Max AWG 20 Max AWG 10 AWG Flexible cable	Conductor size				
Max AWG 10 AWG - Flexible cable min AWG 20 Max AWG 12 Max AWG 12 Max AWG 12 Max Mm² 4 Max Max Max Max Max Ma		AWG - Rigid cable			
AWG - Flexible cable min AWG 20 Max AWG 12 Conductor size (IEC) - Flexible cable min mm² 0.5 Max mm² 4 Conductor size (IEC) - Rigid cable min mm² 0.5 Max mm² 4 Conductor size (IEC) - Rigid cable min mm² 0.5 Max mm² 4 Mechanical life cycles 5x10° JL technical data Motor power for direct-on-line control for three-phase motor 120V HP 3 240V HP 5 480V HP 10 600V HP 15 for single-phase motor 120V HP 1.5 240V HP 3 240V HP 3 Ambient conditions Temperature min °C -25 max °C +55 Storage temperature min °C -40					
Max			Max	AWG	10
Max		AWG - Flexible cable			
Conductor size (IEC) - Flexible cable					
Max min mm² 0.5 Max mm² 4 Max mm² 4		One division size (IEO). Flavible cable	Max	AWG	12
Max mm² 4 Max mm² 4 Max mm² 0.5 Max mm² 4 Max mm² 0.5 Max mm² 4		Conductor size (IEC) - Flexible cable		· 2	0.5
Conductor size (IEC) - Rigid cable					
Max min mm² 0.5 Max mm² 4 Mechanical life		Conductor size (IEC) - Pigid cable	IVIAX	111111	4
Mechanical life cycles 5x10° Max mm² 4 Mechanical life cycles 5x10° JL technical data		Conductor Size (IEC) - Nigia cable	min	mm²	0.5
Mechanical life cycles 5x106 JL technical data Motor power for direct-on-line control for three-phase motor 120V HP 3 240V HP 5 480V HP 10 600V HP 15 15 120V HP 1.5 240V HP 3 3 Ambient conditions Temperature Operating temperature min °C -25 max °C +55 Storage temperature min °C -40					
## Discrete Control Motor power for direct-on-line control 120V	Mechanical life		IVICA		
Motor power for direct-on-line control for three-phase motor 120V				0,0.00	0,710
for three-phase motor 120V		ct-on-line control			
120V	•				
240V		•	120V	HP	3
600V HP 15			240V	HP	
for single-phase motor 120V HP 1.5 240V HP 3 Ambient conditions Temperature Operating temperature min °C -25 max °C +55 Storage temperature min °C -40					
120V			600V	HP	15
240V HP 3 Ambient conditions Temperature		for single-phase motor			
Ambient conditions Temperature Operating temperature min °C -25 max °C +55 Storage temperature min °C -40					
Temperature Operating temperature min °C -25 max °C +55 Storage temperature min °C -40			240V	HP	3
Operating temperature min °C -25 max °C +55 Storage temperature min °C -40					
min °C -25 max °C +55 Storage temperature min °C -40	l emperature				
Storage temperature max °C +55 min °C -40		Operating temperature		2.2	0.5
Storage temperature min °C -40					
min °C -40		01	max	,C	+55
		Storage temperature		°C	40
max C +/0					
			IIIdX	C	+/U



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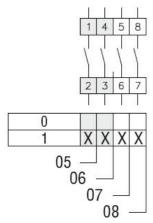
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00

Dimensions



Series	L1		
	1	2	3
7GN12	38.1	47.8	57.5
7GN20	38.1	47.8	57.5
7GN25	42.5	56.1	69.7

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

ETIM 8.0

EC001029 -Selector switch, complete