



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 25A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

Product type designation 7GN25 General characteristics Switching diagram 07 - ON/OFF switch 3 poles	Product designation	n			Rotary cam
Switching diagram Switching diagram Switch 3 poles	•				
Switching diagram No of elements No e					7GN25
Switch 3 poles Switch 3 poles Switch 3 poles N° of elements 2		BICS			07 - ON/OFF
N° of elements 2	Switching diagram				
Mounting form Mounting with black handle without front plate for hole diam.	N° of elements				
Mounting form black characle without front plate for hole diam. 22mm fixing Contact characteristics Rated insulation voltage Ui Rated impulse withstand voltage Uimp Conventional free air thermal current Ith Rated operational voltage Rated operational impulse voltage Rated operational impulse voltage Rated short time current Icw Conductivity Operational current Ie IEC/EN AC15 Rated operational current Ie IEC/EN AC15 Rated operational power in AC Three-phase AC-3 Rated operational power in AC Three-phase AC-3 Rated insulation voltage in EIEC/EN in AV Rated operational current Icw Rated operational power in AC Three-phase AC-3 Rated operational power in AC Rated					U11 - Front
Without front plate for hole diam. Section					
Contact characteristics Rated insulation voltage Ui IEC/EN V 690 UL/CSA V 600	Mounting form				
Contact characteristics	J				
IEC/EN V 690 UL/CSA V 600 Rated insulation voltage Uin Rated impulse withstand voltage Uimp Rated Operational free air thermal current Ith IEC/EN					
Rated insulation voltage Ui IEC/EN V 690	Contact characteris	atics			g
IEC/EN V 690					
Rated impulse withstand voltage Uimp			IEC/EN	V	690
Conventional free air thermal current lth			UL/CSA	V	600
IEC/EN A 25	Rated impulse with	stand voltage Uimp		kV	6
Rated operational voltage V V V V V V V V V	Conventional free a	ir thermal current Ith			
Rated operational voltage					
Rated operational impulse voltage			UL/CSA		
Maximum fuse size for short-circuit protection In (gG) 10kA A 25 15kA A 25 25kA A 25 Rated short time current Icw 1s A 400 Conductivity 10/5 mA/V Operational current Ie IEC/EN AC1/AC21A 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 AC-3 220/230V 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 AC23A 220/230V kW 6.5 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 1.5 500/690V kW 11 500/690V kW 11					
10kA				kV	4
15kA A 25 25kA A 25kA A 25 A 25kA A 25	Maximum fuse size	for short-circuit protection in (gG)	401.4	Δ.	0.5
Rated short time current Icw 1s					
Rated short time current lcw 1s					
1s A 400	Rated short time cu	irrent low	ZUKA		
Conductivity	rated short time of	arrent low	1s	Α	400
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-3 220/230V 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 5.5 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 5.5 Three-phase AC23A	Conductivity				
AC1/AC21A 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 5.5 Three-phase AC23A		t le IEC/EN			
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	•				
110V				Α	25
220/230V		AC15			
Single-phase AC23A Sa0/400V A 8			110V	Α	
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 5.5 Three-phase AC23A					
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					
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	B () ()		660/690V	А	2
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	kated operational p				
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		Three-phase AC-3	220/2201/	L///	5.5
Single-phase AC-3					
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 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A		Single-phase AC-3	230,000 V		
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		. 5	110V	kW	1.5
Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A					
220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A			380/440V	kW	5.5
380/440V kW 11 500/690V kW 11 Single-phase AC23A		Three-phase AC23A			
Single-phase AC23A					
Single-phase AC23A					
			500/690V	kW	11
110V KW 1.5		Single-phase AC23A	44017	1.3.67	4.5
			110V	KVV	1.5





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		000/0001	1.147	0.7
		220/230V 380/440V	kW kW	3.7
Rated operational c	urrent in DC	360/440 V	KVV	5.5
Nateu operational c	DC21A			
	DOZIA	48V	Α	25
		60V	A	25
		110V	A	4
		220V	A	0.7
	DC23A (poles in series)	220 V	- / \	0.7
	2020/ (poiso iii conce)	24V	Α	25 (1)
		48V	Α	25 (2)
		60V	Α	25 (3)
		110V	A	12 (3)
		220V	A	10 (4)
	DC13	2201	,,	10 (1)
	DC13	24V	Α	25
		48V	A	20
		60V	A	16
		110V	A	1.5
		220V	A	0.4
Dower dissipation		220 V	W	1.1
Power dissipation Mechanical features			VV	1.1
rerminals screw				M3.5
	ar tarminala may		Nm	0.8
Fightening torque fo	or terminais max		INIII	0.6
Conductor size	AMO Biritarda			
	AWG - Rigid cable		414/0	00
		min	AWG	20
		Max	AWG	10
	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
Mechanical life			cycles	5x10 ⁶
JL technical data				
Motor power for dire				
	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
		240V	HP	3
Ambient conditions Temperature	Operating temperature	240V		3
	Operating temperature	240V min	°C	-25
	Operating temperature Storage temperature			



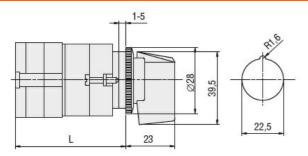


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min	°C	-40
max	°C	+70

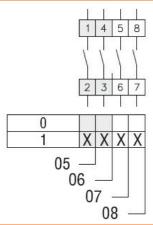
	 -	
Resistance & Protection		
Frontal IP degree		IP40
Terminals IP degree		IP00

Dimensions



Series	L			
Selles	1	2	3	8
7GN12	47	56.7	66.4	114.9
7GN20	47	56.7	66.4	114.9
7GN25	51.4	65	78.6	146.6

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