



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 25A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING



Product designation			Rotary cam
•			switches
Product type designation General characteristics			7GN25
			92 - ON/OFF
Switching diagram			switch 4 poles
N° of elements			2
Mounting form			U11 - Front mounting with black handle without front plate for hole diam. 22mm fixing
Contact characteristics			
Rated insulation voltage Ui	150/5N	.,	000
	IEC/EN UL/CSA	V	690
Rated impulse withstand voltage Uimp	UL/CSA	V kV	600
Conventional free air thermal current Ith		K V	
Convolucial noo all thornal outlon th	IEC/EN	Α	25
	UL/CSA	Α	30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In	(gG)		
	10kA	Α	25
	15kA	A	25
Rated short time current Icw	25kA	Α	25
Nateu Short time current icw	1s	kA	400
Conductivity	13	IV-	10/5 mA/V
Operational current le IEC/EN			10/0 111/0 1
AC1/AC21A			
		Α	25
AC15			
	110V	Α	16
	220/230V	Α	12
	380/400V	A	8
Rated operational power in AC	660/690V	Α	2
Three-phase AC-3			
Tilled phase No o	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





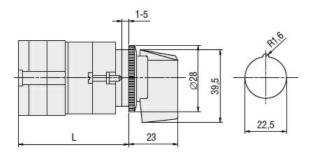
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		380/440V	kW	5.5
	Three-phase AC23A			
		220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A			
	emg.e phaee / tele/ t	110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational cu	urrant in DC	300/440 V	IX V V	0.0
Kaleu operational cu				
	DC21A	40)/	Δ.	0.5
		48V	A	25
		60V	Α	25
		110V	Α	4
		220V	Α	0.7
	DC23A (poles in series)			
		24V	Α	25 (1)
		48V	Α	25 (2)
		60V	Α	25 (3)
		110V	Α	12 (3)
		220V	Α	10 (4)
	DC13		,,	10 (1)
	D013	24V	Α	25
		48V		
			A	20
		60V	Α	16
		110V	Α	1.5
		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features				
Mechanical features Terminals screw				M3.5
	r terminals max		Nm	M3.5 0.8
Terminals screw	terminals max		Nm	
Terminals screw Tightening torque for			Nm	
Terminals screw Tightening torque for	r terminals max AWG - Rigid cable	min		0.8
Terminals screw Tightening torque for		min Max	AWG	20
Terminals screw Tightening torque for	AWG - Rigid cable	min Max		0.8
Terminals screw Tightening torque for		Max	AWG AWG	0.8 20 10
Terminals screw Tightening torque for	AWG - Rigid cable	Max min	AWG AWG	0.8 20 10 20
Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max	AWG AWG	0.8 20 10
Terminals screw Tightening torque for	AWG - Rigid cable	Max min Max	AWG AWG AWG	0.8 20 10 20 12
Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG	0.8 20 10 20 12 0.5
Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG	0.8 20 10 20 12
Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min Max min Max	AWG AWG AWG AWG	0.8 20 10 20 12 0.5 4
Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	0.8 20 10 20 12 0.5 4
Terminals screw Tightening torque for Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG	0.8 20 10 20 12 0.5 4
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Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	0.8 20 10 20 12 0.5 4
Terminals screw Tightening torque for Conductor size Mechanical life	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	0.8 20 10 20 12 0.5 4
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG AWG mm² mm² cycles	0.8 20 10 20 12 0.5 4 0.5 4 5x10 ⁶
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Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control	Max min Max min Max min Max 120V 240V	AWG AWG AWG AWG mm² mm² cycles	0.8 20 10 20 12 0.5 4 0.5 4 5x10 ⁶
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control	min Max min Max min Max	AWG AWG AWG AWG mm² mm² cycles	0.8 20 10 20 12 0.5 4 0.5 4 5x10 ⁶
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V	AWG AWG AWG AWG mm² mm² cycles	0.8 20 10 20 12 0.5 4 0.5 4 5x10 ⁶
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control	min Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG AWG mm² mm² cycles	0.8 20 10 20 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor	min Max min Max min Max	AWG AWG AWG AWG mm² mm² cycles	0.8 20 10 20 12 0.5 4 0.5 4 5x10 ⁶



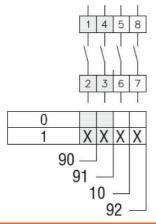
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		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			_
		min	°C	-40
		max	°C	+70
Resistance & Protect	ion			
Frontal IP degree				IP40
Terminals IP degree				IP00
Dimensions				



Series	L			
	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

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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



7GN2592U11

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UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete