



Product designation			Rotary cam switches
Product type designation			7GN25
General characteristics			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
Rated insulation voltage Ui			
Trated insulation voltage of	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	А	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	А	25
	15kA	A	25
	25kA	A	25
Rated short time current Icw			
	1s	А	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		-	
AC15		A	25
ACIS	110V	А	16
	220/230V	A	12
	380/400V	A	8
	660/690V	А	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	5.5
	380/440V	kW	7.5
Single-phase AC-3	500/690V	kW	7.5
Single-phase AC-3	110V	kW	1.5
	220/230V	kW	3
			-

⁷GN2592U11

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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			
		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational cur	rent in DC	• • • •		
	DC21A			
		48V	А	25
		60V	A	25
		110V	A	4
	DC22A (polos in series)	220V	Α	0.7
	DC23A (poles in series)	0.01		05 (4)
		24V	A	25 (1)
		48V	A	25 (2)
		60V	А	25 (3)
		110V	A	12 (3)
		220V	Α	10 (4)
	DC13			
		24V	А	25
		48V	А	20
		60V	А	16
		110V	А	1.5
		220V	A	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for t	terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	AND ANGU CADIE			20
		min	A\A/C	
		min	AWG	20
		min Max	AWG AWG	10
	AWG - Flexible cable	Max	AWG	10
	AWG - Flexible cable	Max min	AWG AWG	10 20
		Max	AWG	10
	AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min	AWG AWG AWG	10 20 12
		Max min	AWG AWG AWG mm²	10 20
	Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG	10 20 12
		Max min Max min	AWG AWG AWG mm²	10 20 12 0.5
	Conductor size (IEC) - Flexible cable	Max min Max min	AWG AWG AWG mm²	10 20 12 0.5
	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm ² mm ²	10 20 12 0.5 4
Mechanical life	Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG mm ² mm ² mm ²	10 20 12 0.5 4 0.5 4
Mechanical life UL technical data	Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG mm ² mm ²	10 20 12 0.5 4 0.5
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG mm ² mm ² mm ²	10 20 12 0.5 4 0.5 4
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG mm ² mm ² mm ²	10 20 12 0.5 4 0.5 4
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG mm ² mm ² mm ² cycles	10 20 12 0.5 4 0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V	AWG AWG AWG mm ² mm ² mm ² cycles	10 20 12 0.5 4 0.5 4 5x10 ⁶ 3
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG mm ² mm ² mm ² cycles	10 20 12 0.5 4 0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V 480V	AWG AWG mm ² mm ² mm ² cycles	10 20 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max	AWG AWG mm ² mm ² mm ² cycles	10 20 12 0.5 4 0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V 480V	AWG AWG mm ² mm ² mm ² cycles	10 20 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10

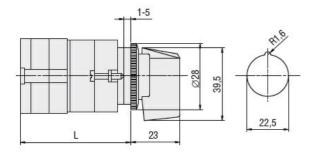
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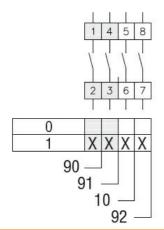
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	tion			
Frontal IP degree				IP40
Terminals IP degree				IP00

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

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

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ETIM classification

UL

ETIM 8.0

EC001029 -Selector switch, complete