



			- Francisco - Francisco
Product designation			Rotary cam
Product type designation			switches 7GN25
General characteristics			761125
			91 - ON/OFF
Switching diagram			switch 2 poles
N° of elements			1
			U12 - Front
			mounting without front plate with
Mounting form			key operation for
			hole diam. 22mm
			fixing
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			0.5
	IEC/EN	A	25
Deted energtional valtage	UL/CSA	A V	30 480
Rated operational voltage Rated operational impulse voltage		kV	480
Maximum fuse size for short-circuit protection In (gG)		ĸv	4
Maximum ruse size for short-circuit protection in (gG)	10kA	А	25
	15kA	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			
		Α	25
AC15			
	110V	Α	16
	220/230V	А	12
	380/400V	A	8
Deted operational neuror in AC	660/690V	A	2
Rated operational power in AC Three-phase AC-3			
miee-phase AC-3	220/230V	kW	5.5
	220/230V 380/440V	kW	5.5 7.5
	500/440V 500/690V	kW	7.5
Single-phase AC-3			
	110V	kW	1.5
	220/230V	kW	3

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



		380/440V	kW	5.5
	Three-phase AC23A			
		220/230V	kW	6.5
		380/440V	kW	11
	0: 1 1 0000	500/690V	kW	11
	Single-phase AC23A			
		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational c	urrent in DC			
	DC21A			
		48V	А	25
		40V 60V	A	25
		110V	A	4
		220V	A	0.7
	DC23A (poles in series)			
		24V	А	25 (1)
		48V	А	25 (2)
		60V	А	25 (3)
		110V	A	12 (3)
		220V	A	10 (4)
	DC13	2201	Л	יי (ד)
	DC13	0.01	•	05
		24V	A	25
		48V	А	20
		60V	А	16
		110V	А	1.5
		220V	А	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Terminals screw Tightening torque fo	r terminals max		Nm	
Tightening torque fo	r terminals max		Nm	0.8
			Nm	
Tightening torque fo	r terminals max AWG - Rigid cable			0.8
Tightening torque fo		min	AWG	0.8
Tightening torque fo	AWG - Rigid cable	min Max		0.8
Tightening torque fo		Max	AWG AWG	0.8 20 10
Tightening torque fo	AWG - Rigid cable		AWG AWG AWG	0.8 20 10 20
Tightening torque fo	AWG - Rigid cable	Max	AWG AWG	0.8 20 10
Tightening torque fo	AWG - Rigid cable	Max min	AWG AWG AWG	0.8 20 10 20
Tightening torque fo	AWG - Rigid cable AWG - Flexible cable	Max min	AWG AWG AWG	0.8 20 10 20
Tightening torque fo	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG mm <sup>2</sup>	0.8 20 10 20 12 0.5
Tightening torque fo	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG AWG	0.8 20 10 20 12
Tightening torque fo	AWG - Rigid cable AWG - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup>	0.8 20 10 20 12 0.5 4
Tightening torque fo	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup>	0.8 20 10 20 12 0.5 4 0.5
Tightening torque fo Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	0.8 20 10 20 12 0.5 4 0.5 4
Tightening torque fo Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup>	0.8 20 10 20 12 0.5 4 0.5
Tightening torque fo 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 mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	0.8 20 10 20 12 0.5 4 0.5 4
Tightening torque fo Conductor size	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 mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	0.8 20 10 20 12 0.5 4 0.5 4
Tightening torque fo 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 mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	0.8 20 10 20 12 0.5 4 0.5 4
Tightening torque fo 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 mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	0.8 20 10 20 12 0.5 4 0.5 4
Tightening torque fo 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 Mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	0.8 20 10 20 12 0.5 4 0.5 4 5x10 <sup>6</sup> 3
Tightening torque fo 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 Max 120V 240V	AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	0.8 20 10 20 12 0.5 4 0.5 4 5x10 <sup>6</sup> 3 5
Tightening torque fo 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 120V 240V 480V	AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	0.8 20 10 20 12 0.5 4 0.5 4 5x10 <sup>6</sup> 3 5 10
Tightening torque fo Conductor size Mechanical life UL technical data	AWG - Rigid cable    AWG - Flexible cable   Conductor size (IEC) - Flexible cable   Conductor size (IEC) - Rigid cable   ect-on-line control for three-phase motor	Max min Max min Max Max 120V 240V	AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	0.8 20 10 20 12 0.5 4 0.5 4 5x10 <sup>6</sup> 3 5
Tightening torque fo 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 120V 240V 480V 600V	AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP HP	0.8 20 10 20 12 0.5 4 0.5 4 0.5 4 5x10 <sup>6</sup> 3 5 10 15
Tightening torque fo Conductor size Mechanical life UL technical data	AWG - Rigid cable    AWG - Flexible cable   Conductor size (IEC) - Flexible cable   Conductor size (IEC) - Rigid cable   ect-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V	AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	0.8 20 10 20 12 0.5 4 0.5 4 5x10 <sup>6</sup> 3 5 10

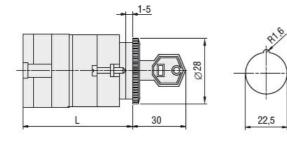
7GN2591U12

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



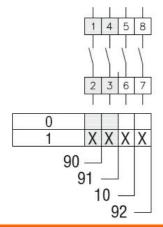
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	ion			
Frontal IP degree				IP40
Terminals IP degree				IP00

### Dimensions



Contra	L			
Series	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