## ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 25A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING



			THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAM
Product designation			Rotary cam
			switches
Product type designation			7GN25
General characteristics			90 - ON/OFF
Switching diagram			switch 1 pole
N° of elements			1
Mounting form			U12 - Front mounting without front plate with key operation for hole diam. 22mm fixing
Contact characteristics			
Rated insulation voltage Ui	JE 0 /EN		
	IEC/EN	V	690
Rated impulse withstand voltage Uimp	UL/CSA	V kV	600
Conventional free air thermal current Ith		KV	0
Conventional free all thermal current fin	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	Α	25
	25kA	Α	25
Rated short time current Icw			400
0 1 6 7	1s	kA	400
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A			
ACT/ACZTA		Α	25
AC15			20
7.0.10	110V	Α	16
	220/230V	Α	12
	380/400V	Α	8
	660/690V	Α	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
Siligie-pilase AC-3	110V	kW	1.5
	220/230V	kW	3



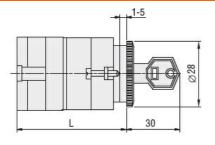
# ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 25A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

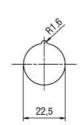
		380/440V	kW	5.5
	Three-phase AC23A			
		220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A			
	emg.e phaee / tele/ t	110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational cu	urrant in DC	300/440 V	IX V V	0.0
Kaleu operational cu				
	DC21A	40)/	Δ.	0.5
		48V	A	25
		60V	Α	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 mm²	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 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 mm²	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 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 min 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 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 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 <sup>6</sup>
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	AWG AWG AWG AWG mm² mm² cycles	0.8  20 10  20 12  0.5 4  0.5 4  5x10 <sup>6</sup>
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 <sup>6</sup>
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 <sup>6</sup>
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 <sup>6</sup>
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 <sup>6</sup> 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 <sup>6</sup>



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 25A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

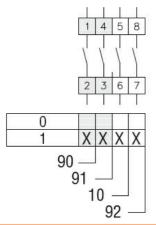
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on			
Frontal IP degree				IP40
Terminals IP degree				IP00
Dimensions				





Carias	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





ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 25A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

ETIM classification

**ETIM 8.0** 

EC001029 -Selector switch, complete