

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SPRING RETURN SWITCH 3 POLES 125A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 90X90MM



Draduat designation			Rotary cam
Product designation			switches
Product type designation			7GN125
General characteristics			
Cuitabia a dia avara			03 - ON/OFF
Switching diagram			spring return switch 3 poles
N° of elements			2
14 of cicinonia			U - Front
Mounting form			mounting with
g			black handle
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			
	IEC/EN	Α	125
	UL/CSA	Α	130
Rated operational voltage		V	690
Rated operational impulse voltage		kV	6
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	125
	15kA	Α	100
	25kA	Α	100
	50kA	Α	100
B. I.I. W. M.	63kA	Α	100
Rated short time current lcw	4		0400
One describite	1s	kA	2100
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		۸	405
A C 1 F		Α	125
AC15	110V	Α	40
	220/230V	A	28
	380/400V	A	15
	660/690V	Α	5
Rated operational power in AC			
Three-phase AC-3			
111100 p.1000 710 0	220/230V	kW	18.5
	380/440V	kW	37
	500/690V	kW	33
Single-phase AC-3			
.	110V	kW	5
	220/230V	kW	11





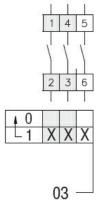
ROTARY CAM SWITCH 7GN SERIES, ON-OFF SPRING RETURN SWITCH 3 POLES 125A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 90X90MM

		380/440V	kW	15
	Three-phase AC23A			
	·	220/230V	kW	30
		380/440V	kW	45
		500/690V	kW	37
	0'll	300/090 V	N V V	31
	Single-phase AC23A			
		110V	kW	5
		220/230V	kW	11
		380/440V	kW	15
Rated operational curre	ent in DC			
rate of orange and carry	DC21A			
	DOZIA	48V	Α	125
		60V	Α	80
		110V	Α	10
		220V	Α	1.2
	DC23A (poles in series)			
	VI/	24V	Α	125 (1)
		48V	A	125 (1)
		60V	Α	125 (3)
		110V	Α	50 (3)
		220V	Α	20 (4)
	DC13			_
		24V	Α	125
		48V	Α	100
		60V	A	50
		110V	A	4
Power dissipation			W	6.3
Mechanical features				
Terminals screw				M2X5
	erminals max		Nm	
Tightening torque for te	erminals max		Nm	M2X5 2
			Nm	
Tightening torque for te	erminals max AWG - Rigid cable			2
Tightening torque for te		min	AWG	14
Tightening torque for te	AWG - Rigid cable	min Max		2
Tightening torque for te			AWG	14
Tightening torque for te	AWG - Rigid cable		AWG	14
Tightening torque for te	AWG - Rigid cable	Max min	AWG AWG	14 1/0
Tightening torque for te	AWG - Rigid cable AWG - Flexible cable	Max	AWG AWG	14 1/0
Tightening torque for te	AWG - Rigid cable	Max min Max	AWG AWG AWG AWG	14 1/0 14 1/0
Tightening torque for te	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG	14 1/0 14 1/0 2.5
Tightening torque for te	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG AWG	14 1/0 14 1/0
Tightening torque for te	AWG - Rigid cable AWG - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm²	14 1/0 14 1/0 2.5 50
Tightening torque for te	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min	AWG AWG AWG AWG	14 1/0 14 1/0 2.5
Tightening torque for te	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm²	14 1/0 14 1/0 2.5 50
Tightening torque for to Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	2 14 1/0 14 1/0 2.5 50
Tightening torque for to Conductor size Mechanical life	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	2 14 1/0 14 1/0 2.5 50 2.5
Tightening torque for to 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	AWG AWG AWG AWG mm² mm²	2 14 1/0 14 1/0 2.5 50
Tightening torque for to Conductor size Mechanical life	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	2 14 1/0 14 1/0 2.5 50
Tightening torque for to 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	2 14 1/0 14 1/0 2.5 50 2.5 50 1X10 ⁶
Tightening torque for to 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	2 14 1/0 14 1/0 2.5 50
Tightening torque for to 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	2 14 1/0 14 1/0 2.5 50 2.5 50 1X10 ⁶
Tightening torque for to 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	AWG AWG AWG AWG mm² mm² cycles	2 14 1/0 14 1/0 2.5 50 2.5 50 1X10 ⁶
Tightening torque for to 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 AWG mm² mm² cycles	2 14 1/0 14 1/0 2.5 50 2.5 50 1X10 ⁶ 15 25 50
Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable on-line control for three-phase motor	Max min Max min Max min Max 120V 240V	AWG AWG AWG AWG mm² mm² cycles	2 14 1/0 14 1/0 2.5 50 2.5 50 1X10 ⁶
Tightening torque for to 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 AWG mm² mm² cycles	14 1/0 14 1/0 2.5 50 2.5 50 1X10 ⁶ 15 25 50 40
Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² mm² cycles	14 1/0 14 1/0 2.5 50 2.5 50 1X10 ⁶ 15 25 50 40
Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG AWG mm² mm² cycles	14 1/0 14 1/0 2.5 50 2.5 50 1X10 ⁶ 15 25 50 40



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SPRING RETURN SWITCH 3 POLES 125A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 90X90MM

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				
Wiring diagrams				
1 1 1				



Certifications and	I 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	
	EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete