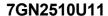




ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 25A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING



Product designation			Rotary cam
-			switches
Product type designation General characteristics			7GN25
			10 - ON/OFF
Switching diagram			switch 3 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	IEO/EN		000
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	UL/CSA	v kV	6
Conventional free air thermal current Ith		IX V	
	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	A	25
	15kA 25kA	A A	25 25
Rated short time current Icw	ZOKA	A	25
rated short time current lew	1s	Α	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	25
AC15			
	110V	A	16
	220/230V	A	12
	380/400V 660/690V	A A	8 2
Rated operational power in AC	000/090 V	A	
Three-phase AC-3			
	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





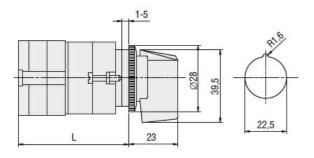
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		380/440V	kW	5.5
	Three-phase AC23A	223/1101		
	711100 phase 7102571	220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A	000/0001	1000	
	Orngie pridde / (Ozo/ (110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational cur	rent in DC	300/440 V	IXVV	0.0
rtated operational cui	DC21A			
	DOZIA	48V	Α	25
		60V	A	25
		110V	A	4
		220V	A	0.7
	DC22A (nolog in corice)	2200	Α	0.7
	DC23A (poles in series)	241/	۸	OF (4)
		24V	A	25 (1)
		48V	A	25 (2)
		60V	A	25 (3)
		110V	A	12 (3)
		220V	Α	10 (4)
	DC13		_	
		24V	Α	25
		48V	Α	20
		60V	Α	16
		110V	Α	1.5
-		220V	Α	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for	terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		min Max	AWG AWG	20 12
	Conductor size (IEC) - Flexible cable			
	Conductor size (IEC) - Flexible cable			
	Conductor size (IEC) - Flexible cable	Max	AWG	12
		Max min	AWG	0.5
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min	AWG	0.5
		Max min Max	AWG mm² mm²	0.5 4 0.5
Mechanical life		Max min Max min	MMG mm² mm² mm² mm²	0.5 4 0.5 4
Mechanical life UL technical data		Max min Max min	AWG mm² mm² mm²	0.5 4 0.5
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min	MMG mm² mm² mm² mm²	0.5 4 0.5 4
	Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min	MMG mm² mm² mm² mm²	0.5 4 0.5 4
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min Max	MMG mm² mm² mm² mm² cycles	0.5 4 0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max	AWG mm² mm² mm² cycles	0.5 4 0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max 120V 240V	AWG mm² mm² mm² cycles HP HP	0.5 4 0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max 120V 240V 480V	MWG mm² mm² mm² cycles HP HP	0.5 4 0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max 120V 240V	AWG mm² mm² mm² cycles HP HP	0.5 4 0.5 4 5x10 ⁶
UL technical data	Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max 120V 240V 480V	MWG mm² mm² mm² cycles HP HP	0.5 4 0.5 4 5x10 ⁶



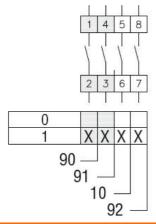
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		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			_
		min	°C	-40
		max	°C	+70
Resistance & Protect	ion			
Frontal IP degree				IP40
Terminals IP degree				IP00
Dimensions				



Corios	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



7GN2510U11

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UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete