



ENERGY AND AUTOMATION

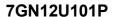
7GN12U101P

Draduot designation				Rotary cam
Product designation	switches			
Product type designation General characteristics				7GN12
Switching diagram				91 - ON/OFF switch 2 poles
N° of elements				1
Mounting form				U25 - Front mounting with red/yellow handle padlockable in 0 and protection covers
Contact characteristics Rated insulation voltage				
Nateu Insulation voitage	3 01	IEC/EN UL/CSA	V V	690 600
Rated impulse withstan			kV	6
Conventional free air th	ermal current Ith	IEC/EN UL/CSA	A A	16 15
Rated operational volta	ge		V	480
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)	10kA 15kA 25kA	A A A	16 10 10
Rated short time currer	nt Icw			
		1s	Α	200
Conductivity Operational current le IEC/EN				10/5 mA/V
Operational current le i	AC1/AC21A		А	16
	AC15		- , ,	10
		110V 220/230V 380/400V 660/690V	A A A	10 8 4 1.5
Rated operational power	er in AC	000/0001		110
	Three-phase AC-3	220/230V 380/440V 500/690V	kW kW kW	2.5 4 5.5
	Single-phase AC-3	110V 220/230V	kW kW	0.8 1.5
	Three-phase AC23A	380/440V	kW	2.2
	Tillee-pilase AOZSA	220/230V 380/440V	kW kW	3 5.5
		500/690V	kW	7.5
	Single-phase AC23A	110V	kW	0.8



ENERGY AND AUTOMATION

		220/230V	kW	1.7
		380/440V	kW	3
Rated operational curr	ent in DC			
	DC21A			
		48V	Α	12
		60V	Α	12
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		24V	Α	10 (1)
		48V	Α	10 (2)
		60V	Α	10 (3)
		110V	Α	5 (3)
		220V	Α	5 (4)
	DC13			
		24V	Α	12
		48V	Α	10
		60V	Α	8
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for to	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	3	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10 ⁶
UL technical data			.,	
Motor power for direct	-on-line control			
,	for three-phase motor			
	and the first of the second of	120V	HP	1.5
		240V	HP	3
	for single-phase motor			•
		120V	HP	0.5
		240V	HP	1
Ambient conditions		2 10 V		<u> </u>
Temperature				
· omporatoro	Operating temperature			
	Operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	HIGA		100
	Storage temperature			





ENERGY AND AUTOMATION

	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
ETIM classification			
ETIM 8.0			EC001029 - Selector switch, complete